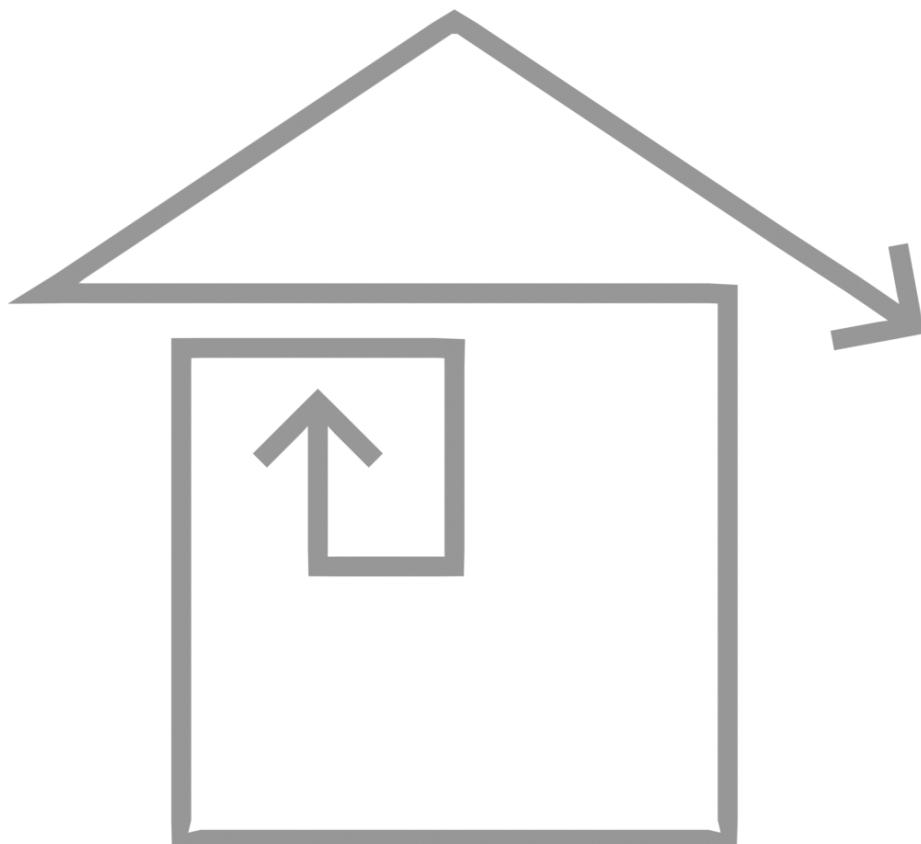


EstateFlow

An Estate Agency Management System



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Module: Project – Year 2

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User Interface

Add Screens

(Mark Lambert)

Layout

A structured form displayed within a “main content area”, where the form is surrounded by the system’s menu (displayed at the left) and a top bar. The form is centred within the main content area

Alignment

The main heading “Add a New ...” is centre aligned. The form is split using field-sets where relevant, with any labels and input fields aligned vertically. So, Property details and any abstract details about a category of property are neatly divided

Background

The menu system uses a grey background, the top bar uses a white background while the main content area uses a standard grey background.

Borders

Field-sets have a green border, while input fields have a border with a rounded radius. The form has no border, but a dropped shadow to create a 3D effect.

Logo

The logo appears at the top of the sidebar, centred. On hover, the logo changes image, providing a dynamically changing logo enhancing user experience

Font Properties

The font used is Arial, font size is changed depending on use case. Text appears black in the main content area and white in areas where the background is green.

The main heading appears in a green background with white text.

HTML Components

Buttons are green with white text and a rounded border. On hover, the background of the buttons changes to a slightly darker colour. The form buttons are centred at the bottom of the form.

Labels are used to decorate input boxes with useful information for the user. A dropdown list-box is used to select a property owner, populated from the database.



Delete Screens

(Amelia Hamulewicz)

Layout

A form centred within a “main content area”, which is surrounded by a menu system to the left and a top bar displaying the application name.

Alignment

The main heading “Delete a” is centre aligned. The form is split using field sets where relevant, with any labels and input fields aligned vertically.

Background

The menu system uses a grey background, the top bar uses a white background while the main content area uses a standard grey background.

Borders

Field sets have a green border, while input fields have a border with a rounded radius. The form has no border, but a dropped shadow to create a 3D effect, which is rounded.

Font Properties

The font used is Arial, font size is changed depending on use case. Text appears black in the main content area and white in areas where the background is green.

The main heading appears in a green background with white text, and reflects the page which the user has clicked on.

HTML Components

Buttons are green with white text and a rounded border. On hover, the background of the buttons changes to a slightly darker colour. The form buttons are centred at the bottom of the form.

Labels are used to decorate input boxes with useful information for the user. A dropdown list-box is used to select a property, populated from the database.

A pop is displayed to prompt the user for a confirmation upon clicking delete.



Amend/View Screens

(Adam Noonan)

Layout

A form centred within a “main content area”, which is surrounded by a menu system to the left and a top bar displaying the application name.

Alignment

The main heading “Amend/View a” is centre aligned. The form is split using field sets where relevant, with any labels and input fields aligned vertically.

Background

The menu system uses a grey background, the top bar uses a white background while the main content area uses a standard grey background.

Borders

Field sets have a green border, while input fields have a border with a rounded radius. The form has no border, but a dropped shadow to create a 3D effect, which is rounded.

Font Properties

The font used is Arial, font size is changed depending on use case. Text appears black in the main content area and white in areas where the background is green.

The main heading appears in a green background with white text and reflects the page which the user has clicked on.

HTML Components

Buttons are green with white text and a rounded border. On hover, the background of the buttons changes to a slightly darker colour. The form buttons are centred at the bottom of the form.

Labels are used to decorate input boxes with useful information for the user. A dropdown list-box is used to select a property, populated from the database. Fields are initially locked and are unlocked by clicking the “Amend” button located above the form.

A pop is displayed to prompt the user for a confirmation upon clicking delete.



Report Screens

(Mark Lambert)

Layout

A report centred within a “main content area”, which is surrounded by a menu system to the left and a top bar displaying the application name.

Alignment

The main heading ...Reports” is centre aligned. The report is centred for clear readability.

Background

The menu system uses a grey background, the top bar uses a white background while the main content area uses a standard grey background.

Borders

Borders for buttons are rounded, while borders for background purposes are straight.

Font Properties

The font used is Arial, font size is changed depending on use case. Text appears black in the main content area and white in areas where the background is green.

The main heading appears in a green background with white text and reflects the page which the user has clicked on.

HTML Components

Buttons are green with white text and a rounded border. On hover, the background of the buttons changes to a slightly darker colour. The form buttons are centred at the bottom of the form.

Radio buttons are aligned to the left of every row in the report table, should a user click the radio button, a button “Owner Information” will become enabled, allowing the user to get more detailed information on a owner of a given property.



Menus

(Amelia Hamulewicz, Adam Noonan, Mark Lambert)

Layout

The menu system is implemented using a sidebar. The logo is displayed large, centred at the top of the menu.

Alignment

The side bar is 250px wide, spans the entire height of the window and begins at the very top left of the screen. The top bar is fixed to the top of the screen.

Background

The menu system uses a grey background, the top bar uses a white background

Borders

Buttons have rounded borders, while the borders for the menu system remain unrounded.

Font Properties

The font used is Arial, font size is changed depending on use case. Text appears green, and where a button is selected, the text changes to white on a green background.

“EstateFlow” appears as a heading in green at the top of the page in the top bar.

HTML Components

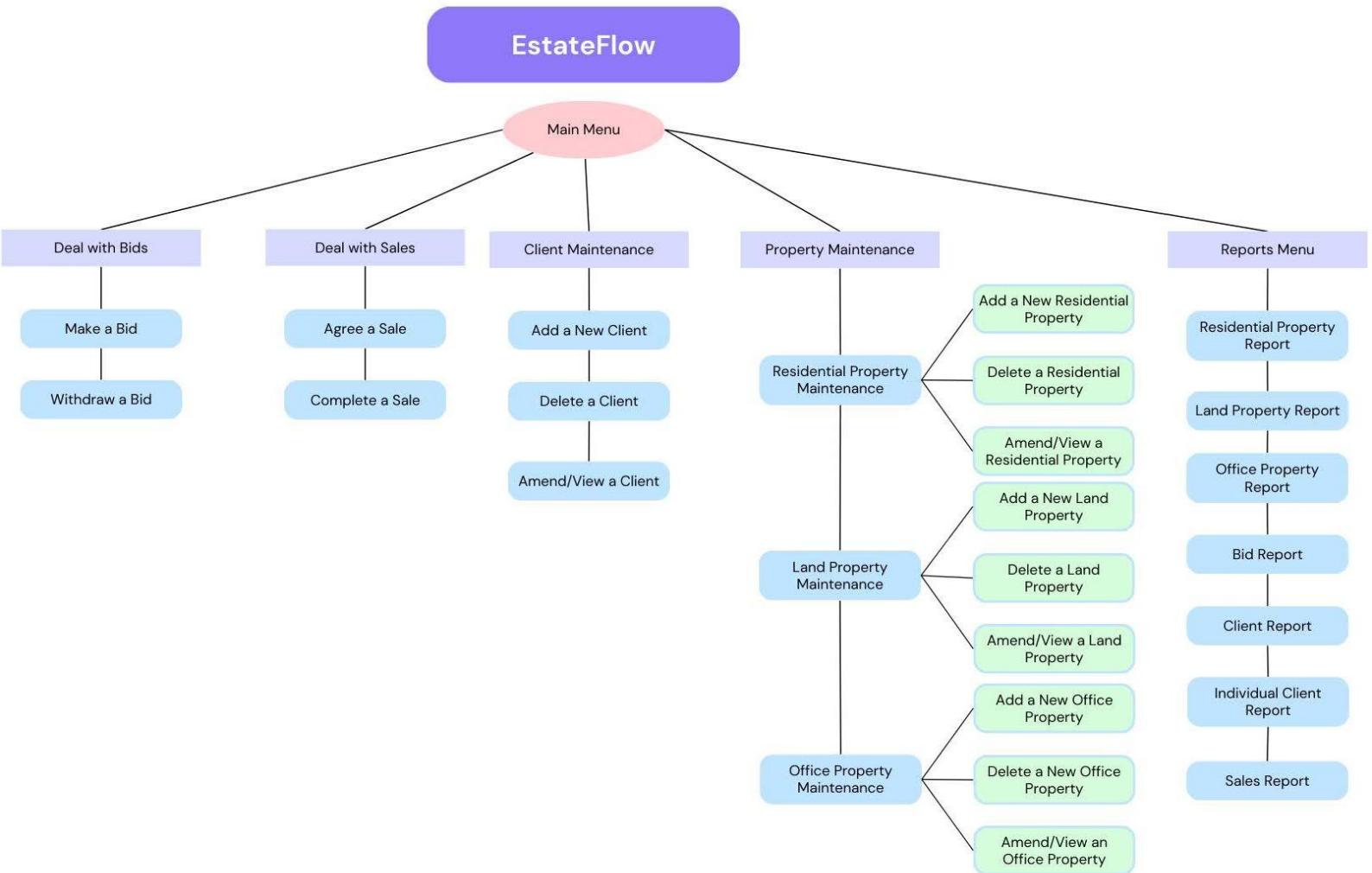
Buttons are white with green text and altered using the .selected class to appear white, or when hovered over.

The Exit button is pushed down with a
 tag for workflow priority, preventing the user from accidentally clicking on the button and losing progress



System Layout

(Mark Lambert)





Database Tables

Bid Table

(Adam Noonan)

Bid Table – Structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	bid_id	int(11)			No	None		AUTO_INCREMENT
2	date	date			No	None		
3	time	time			No	current_timestamp()		
4	amount	decimal(10,0)			No	None		
5	client_id	int(11)			No	None		
6	property_id	int(11)			No	None		
7	delete_flag	tinyint(1)			No	None		

Bid Table – Populated

	<input type="button" value="←"/>	<input type="button" value="→"/>		bid_id	date	time	amount	client_id	property_id	delete_flag	
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	3	2025-02-13	00:00:00	65	1	1	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	4	2025-02-09	00:00:00	45	1	1	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	5	2025-03-10	00:00:00	100000	1	65	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	7	2025-03-10	00:00:00	100002	1	64	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	8	2025-03-10	00:00:00	10000004	1	64	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	9	2025-03-10	00:00:00	1000005	1	64	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	10	2025-03-10	00:00:00	1000006	1	64	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	11	2025-03-10	00:00:00	1000004	1	64	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	12	2025-03-13	00:00:00	100000	12	73	1
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	13	2025-03-14	00:00:00	1000000	12	73	1
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	14	2025-03-14	00:00:00	100	12	73	1
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	16	2025-03-18	00:00:00	40000	7	77	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	17	2025-03-18	00:00:00	5000000	7	77	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	18	2025-03-18	00:00:00	60	7	76	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	19	2025-03-18	00:00:00	2000000	7	77	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	22	2025-03-18	00:00:00	200000	7	77	0
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	23	2025-03-19	00:00:00	600000000	7	74	1
	<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	25	2025-03-19	00:00:00	8800000	1	73	1



Client Table

(Adam Noonan)

Client Table - Structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	client_id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(45)	utf8_general_ci		No	None		
3	address	varchar(45)	utf8_general_ci		No	None		
4	eircode	varchar(45)	utf8_general_ci		No	None		
5	phone_no	varchar(45)	utf8_general_ci		No	None		
6	email	varchar(45)	utf8_general_ci		No	None		
7	buyer	tinyint(1)			No	None		
8	seller	tinyint(1)			No	None		
9	delete_flag	tinyint(1)			No	None		

Client Table – Populated

		client_id	name	address	eircode	phone_no	email	buyer	seller	delete_flag
<input type="checkbox"/>		1	Donal whelan	normal address	R45 51E3	087 417 6757	wheelieD@gmail.com	0	1	0
<input type="checkbox"/>		7	jimmy mcgill	Jimmys House, ABQ NM	BR4 ABC5	056 678 3369	jmm@mail.net	1	1	0
<input type="checkbox"/>		12	Amelia	11 willows	R93WR00	0111111111	c00296605@setu.ie	0	1	0



Office Table

(Amelia Hamulewicz)

Office Table - Structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	office_id	int(11)			No	None		AUTO_INCREMENT
2	property_id	int(11)			No	None		
3	floor	int(11)			No	None		
4	area	float			No	None		
5	layout	varchar(255)	utf8_general_ci		No	None		
6	internet	varchar(50)	utf8_general_ci		No	None		
7	access	varchar(255)	utf8_general_ci		No	None		
8	telephone_system	varchar(255)	utf8_general_ci		No	None		
9	reception	varchar(255)	utf8_general_ci		No	None		
10	security	varchar(255)	utf8_general_ci		No	None		
11	canteen	varchar(255)	utf8_general_ci		No	None		
12	ownership	varchar(50)	utf8_general_ci		No	None		
13	delete_flag	tinyint(4)			No	0		

Office Table – Populated

				office_id	property_id	floor	area	layout	telephone_system	access	reception	security	canteen	internet	ownership	delete_flag
				22	73	3	2000	large open space area	none	none	none	none	large open access canteen	none	long lease	1
				23	74	3	400	large canteen	none	elevators	none	Netwatch	open access	wireless	freehold	1
				25	76	2	455	large open area	ramps	wired	none	none	patrols	6 big rooms	large open access	0
				26	77	5	700	large open area	elevators	none	none	none	netwatch	2 small rooms	large open access	0
				42	93	6	777	large	none	ramps and elevators	none	none	none	none	long lease	0
				43	94	2	445	large open area, 2 small rooms	none	elevators/ramps	none	net watch	small canteen	wireless	freehold	0
				44	95	7	255	large open area, 5 big rooms	none	ramps and elevators	none	netwatch	large	none	freehold	0



Property Table

(Amelia Hamulewicz)

Property Table – Structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	property_id 🏠	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	type	varchar(20)	utf8_general_ci		No	None			Change Drop More
3	address	text	utf8_general_ci		No	None			Change Drop More
4	eircode	varchar(8)	utf8_general_ci		No	None			Change Drop More
5	location	varchar(255)	utf8_general_ci		No	None			Change Drop More
6	status	tinyint(1)			No	None			Change Drop More
7	completion_date	date			No	None			Change Drop More
8	buyer_id	int(11)			No	None			Change Drop More
9	price_paid	int(11)			No	None			Change Drop More
10	owner	int(11)			No	None			Change Drop More
11	highest_bid	decimal(10,2)			No	None			Change Drop More
12	asking_price	decimal(10,2)			No	None			Change Drop More
13	viewing_times	text	utf8_general_ci		No	None			Change Drop More
14	date_listed	timestamp			No	current_timestamp()			Change Drop More
15	delete_flag	tinyint(4)			No	0			Change Drop More



Property Table - Populated

Showing rows 0 - 18 (19 total, Query took 0.0004 seconds.) [property_id: 1... - 131...]													
SELECT * FROM 'Property' ORDER BY 'property_id' ASC													
property_id	type	address	eircode	location	status	completion_date	buyer_id	price_paid	owner	highest_bid	asking_price	viewing_times	date_listed
1	Land	Carlow St, Carlow	Y21T341	Carlow	1	2025-03-20	0	0	1	59000.00	67000.00	12:00 - 12:00	2025-02-02 00:00:00
10	Land	Greenway Ave, Galway	H91 W567	Galway	1	2025-03-20	0	0	7	96000.00	80000.00	12:00 - 18:00	2025-02-15 00:00:00
12	Land	Seaside Road, Cork	T12 W346	Cork	1	2025-03-20	0	0	1	0.00	200000.00	9:00 - 15:00	2025-02-01 00:00:00
35	Land	Greenhill Farm Ballyragget County Kilkenny	R95 X742	Kilkenny	0	2025-03-20	0	0	7	0.00	650000.00	14:00 - 17:00	2025-02-15 00:00:00
38	Land	The Ridge Enniscorthy Wexford	A65B452	Wexford	0	2025-03-20	0	0	7	45000.00	320007.00	12:00 - 18:05	2025-02-05 00:00:00
73	Office	12 Kilkenny road	R93 S999	Kilkenny	1	2025-03-20	0	0	1	8800000.00	100000.00	10:00 - 19:00	2025-03-17 12:01:32
74	Office	116 Dublin road, willows street, Ballon	W99 89A9	Carlow	1	2025-03-20	0	0	7	99999999.99	200000.00	10:00 - 20:00	2025-03-05 12:01:20
76	Office	15 yellow street, dublin road, Carlow	R99TO60	Cork	2	0000-00-00	12	50000	7	50000.00	180000.00	8:00 - 13:00	2025-03-16 12:01:07
77	Office	114 green road, yellow street, Ballon	W89 TKC6	Kilkenny	0	2025-03-20	0	0	7	5000001.00	22000.00	10:00 - 19:00	2025-03-05 12:00:57
93	Office	66 lower dublin street, Blue street, Buncloody	r89 9999	kilkenny	0	2025-03-20	0	0	1	890.00	100.00	11 - 9	2025-03-01 12:00:45
94	Office	99 brownshill road, blue street, Tullamore	R97PK99	Kilkenny	0	2025-03-20	0	0	12	100.00	100000.00	10:00 - 19:00	2025-03-12 12:00:34
95	Office	77 blue road, yellow street, Borris	W56 777N	Wexford	1	0000-00-00	0	0	7	57.00	10000.00	09:00 - 15:00	2025-03-19 11:54:44
96	Land	10 Brammal Lane Sligo	R12 345	Sligo	0	2025-03-20	0	0	7	0.00	50000000.00	12:00 - 18:00	2025-03-19 20:58:51
111	Land	Slane Castle Slane Meath	Y43C567	Meath	0	2025-03-21	0	0	1	0.00	550000.00	17:00 - 12:00	2025-03-21 20:15:45
115	Land	Palmgrove Lodge Dromneavane Kenmare, Co. Kerry	V93 R2W1	Northbound on N71	0	2025-03-22	0	0	15	0.00	450000.00	10:00 - 22:00	2025-03-22 22:39:05
124	Office	308 Negra Arroyo Lane, Albuquerque, New Mexi...	A11 BRBA	New Mexico	1	2025-03-24	0	0	25	4000.00	750000.00	17:00-22:00	2025-03-24 11:28:02
129	Office	99 Willow Park, grace street, Tullow	R99 PK90	Carlow	1	0000-00-00	0	0	1	445.00	22200.00	10:00 - 19:00	2025-03-24 22:15:08
130	Office	99 State Street, tullophelim, Borris	r990000	carlow	1	0000-00-00	0	0	15	0.00	10000.00	09:00 - 12:00	2025-03-24 23:09:44
131	Office	24 North Side, Kilkenny Street, Carlow	R93J888	Carlow	1	0000-00-00	0	0	1	20.00	2000.00	09:00 - 12:00	2025-03-25 09:25:33



Land Table

(Mark Lambert)

Land Table – Structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	land_id	int(11)			No	None		AUTO_INCREMENT
2	property_id	int(11)			No	None		
3	acres	decimal(10,2)			No	None		
4	buildings	text	utf8_general_ci		No	None		
5	residence_details	varchar(150)	utf8_general_ci		No	None		
6	quotas	decimal(5,2)			No	None		
7	notes	text	utf8_general_ci		No	None		
8	delete_flag	tinyint(4)			No	0		

Land Table - Populated

	land_id	property_id	acres	buildings	residence_details	quotas	notes	delete_flag
	1	1	2500.00	Two large buildings	4 bedroom period residence in need of repair	50.00	Exceptional condition, beautiful view	0
	17	10	4500.00	Three storage units, one small workshop	No residence, commercial use only	30.00	Ideal for industrial use, close to main road access...	0
	19	12	3500.00	Small cabin by the beach	2-bedroom coastal cottage with private beach access...	100.00	Excellent for development, prime location - future...	0
	39	35	1800.00	One barn, two cattle sheds	3-bedroom farmhouse with modern kitchen extension	42.00	Prime agricultural land with excellent road access...	0
	42	38	1199.00	One stone cottage, small barn	2-bedroom vernacular cottage	134.00	Excellent location for a small holding or weekend ...	0
	43	39	5000.00	Small tool shed and barn	N/A	100.00	N/A	1
	47	58	1200.00	N/A	N/A	120.00	N/A	0
	50	62	1.00	1	1	1.00	1	0
	51	64	55000.00	Small vernacular cottage and large barn	Vernacular cottage	999.00	N/A	0
	54	96	567.00	One large building suitable for an office	Quaint family home	999.99	Land is situated on a slight incline	0



Staff Table

(Mark Lambert)

Staff Table - Structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	staff_id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(45)	utf8_general_ci		No	None		
3	address	varchar(45)	utf8_general_ci		No	None		
4	eircode	varchar(8)	utf8_general_ci		No	None		
5	phone_no	varchar(20)	utf8_general_ci		No	None		
6	delete_flag	tinyint(1)			No	0		

Staff Table - Populated

	Edit	Copy	Delete	staff_id	name	address	eircode	phone_no	delete_flag
				1	John O'Connor	123 Main Street, Dublin 2	D02 X912	087 123 4567	0
				2	Mary Murphy	45 Oakwood Road, Cork	T12 A987	086 234 5678	0
				3	Kevin O'Neill	67 Elm Park, Galway	H91 N215	085 345 6789	0
				4	Paul Byrne	11 Castle Avenue, Kilkenny	R95 A490	089 567 8901	0
				5	Cassy Gallagher	89 Green Street, Limerick	V94 C356	089 456 7890	0



Group Work

Main Menu HTML

```
1 <!-- Estate Flow - Estate Agency Management System Menu page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5     <!-- Sets title -->
6     <title>EstateFlow - Welcome</title>
7     <meta charset="UTF-8">
8     <link rel="stylesheet" href="menu.css">
9     <link rel="icon" type="image/x-icon" href="images/icon.png">
10 </head>
11 <body>
12
13     <!-- Fixed Top Bar displaying the page title -->
14     <div class="topBar">
15         EstateFlow
16     </div>
17
18     <!-- Sidebar Navigation Menu -->
19     <div class="sidebar">
20         <!-- Logo Section inside Sidebar -->
21         <div class="logo">
22             <a href ="menu.html"></a>
23         </div>
24         <!-- Navigation Links -->
25         <a class ="button" href="deal_with_bids.html">Deal with Bids</a>
26         <a class ="button" href="deal_with_sales.html">Deal with Sales</a>
27         <a class ="button" href="client_maintenance.html">Client Maintenance</a>
28         <a class ="button" href="property_maintenance.html">Property Maintenance</a>
29         <a class ="button" href="reports.html">Reports Menu</a>
30     </div>
31
32     <!-- Main Content Area -->
33     <div class="content">
34         <h2>Welcome To EstateFlow</h2>
35     </div>
36
37 </body>
38 </html>
```



Main Menu CSS

```
1  /* -----
2   Global Styles - Estate Flow
3  ----- */
4  html, body {
5    font-family: Arial, sans-serif; /* Define font style */
6    background-color: #fdfefe; /* Set background color- pale GREY */
7    color: #2e201c; /* Set text color- BLACK */
8  }
9
10 /* -----
11  Top Bar Styles
12 ----- */
13 .topBar {
14   position: fixed; /* Fix position at the top */
15   top: 0; /* Align to top */
16   left: 0; /* Align to left */
17   height: 50px; /* Top bar is set to 50px tall */
18   background-color: #ffffff; /* Set background color- WHITE */
19   color: #05c98b; /* Set text color- GREEN */
20   font-size: 30px; /* Set font size */
21   font-weight: bold; /* Make text bold */
22   margin-left: 250px; /* Moves the content within the topBar to the spot where the sidebar ends (sideBar = 250px wide) */
23   width: 100%; /* Sets width to 100% of the screen */
24   padding: 10px 20px; /* Add padding */
25   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2); /* Add shadow effect- BLACK */
26 }
27
28 /* -----
29  Sidebar Styles
30 ----- */
31 .sidebar {
32   height: 100%; /* Full viewport height */
33   width: 250px; /* Define width */
34   position: fixed; /* Fix position */
35   left: 0; /* Align to left */
36   top: 0; /* Align to top */
37   background-color: #cdd8d4; /* Set background color- GREY */
38   padding-top: 10px; /* Add padding at top */
39   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2); /* Add shadow effect- BLACK */
40 }
41
42 /* -----
43  Sidebar Navigation Button Styles
44 ----- */
45 /* Targets all .sidebar elements that use the <a> tag */
46 .sidebar a.button{
47   width: 90%; /* Set width of links */
48   padding: 12px; /* Add padding */
49   text-decoration: none; /* Remove underline */
50   color: #05c98b; /* Set text color- GREEN */
51   text-align: center; /* Center align text */
52   margin: 10px 0; /* 5px space between and 0 ensures its locked to the margin (very left of sidebar) */
53   background-color: #ffffff; /* Set background color- WHITE */
54   border-radius: 5px; /* Round corners */
55   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2); /* Add shadow effect- BLACK */
56   display: block; /* Display as block element */
57 }
58
59 /* Targets the currently selected button so user knows what page they are on */
60 .sidebar a.button.selected{
61   background-color:#05c98b;
62   color:#ffffff;
63 }
64
65 /*-----
66  Alters the buttons when hovered over
67 -----*/
68 .sidebar a:hover {
69   background-color: #05c98b; /* Change background on hover- GREEN */
70   color: #ffffff; /* Change text color on hover- WHITE */
71 }
```

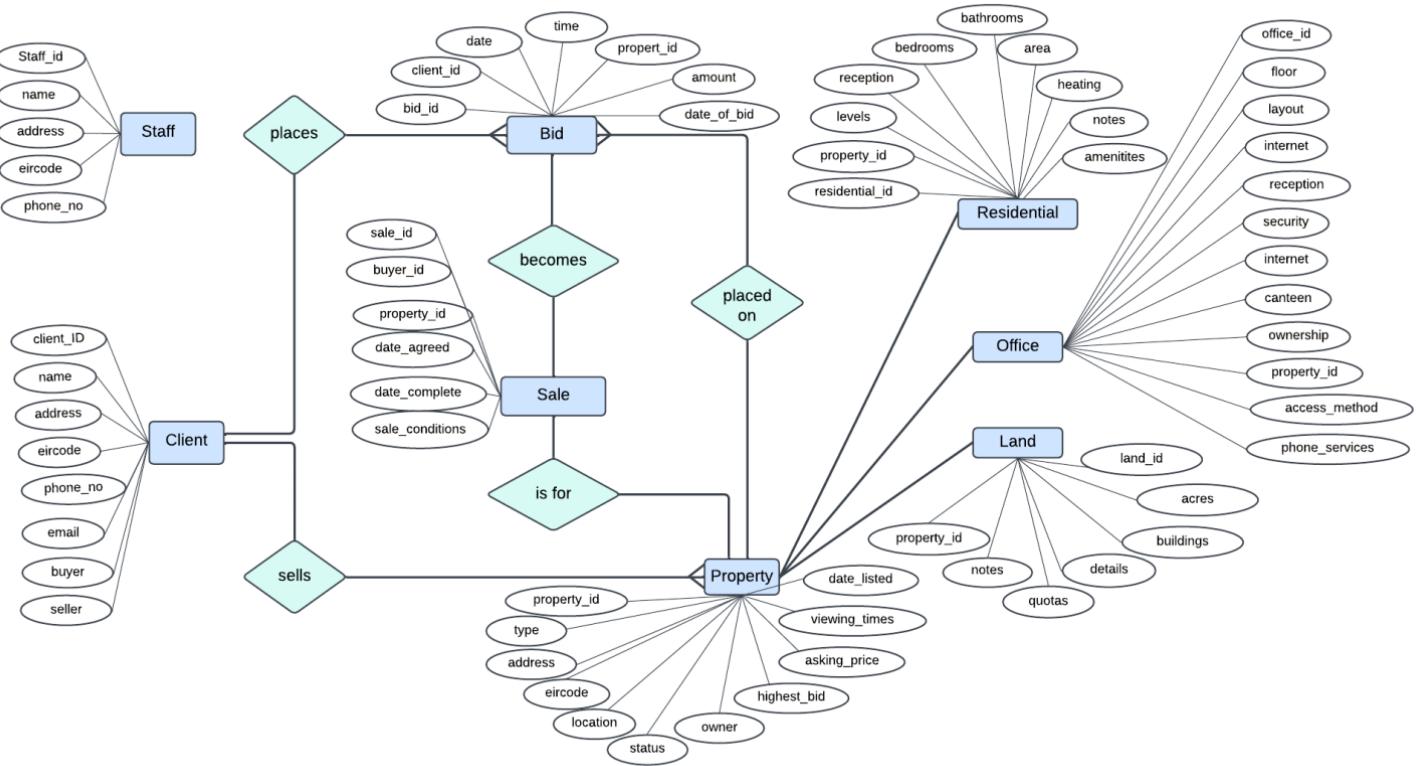


```
72
73  /* -----
74   Style
75  ----- */
76 .logo img {
77   width: 180px; /* Set logo size */
78   margin: 10px 30px 20px; /* Add margin */
79   border-radius: 5px; /* Round corners */
80 }
81
82 .logo img:hover {
83   content: url('images/logo_invert.png'); /* Change logo on hover */
84 }
85
86 /* -----
87   Main Content Styles
88  ----- */
89 .content {
90   margin-left: 250px; /* Move the margin in 250px, as the sidebar takes up 250px*/
91   margin-top: 50px; /* Move down 50px as the topbar takes up 50Px*/
92   padding: 20px; /* Add padding */
93   width: 80%;
94 }
95
96
97
```

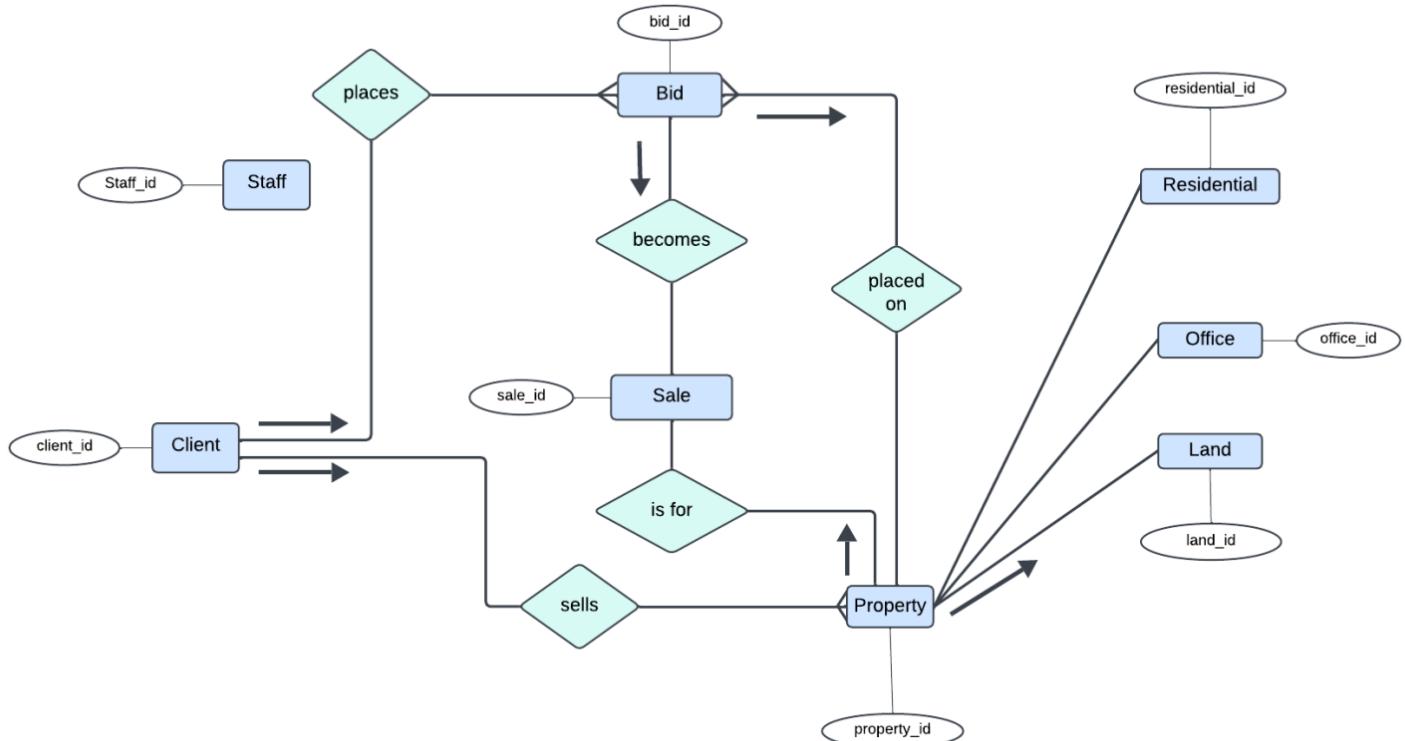


ER Diagram

Level 1



Level 2





Amelia Hamulewicz

Add an Office Property

EstateFlow

Add an Office Property

Please select an Owner you wish to add a property to..

Select an Owner

Property Details

Owner:

Owner Id:

Property Type: Office

Address:

Address Line 1:

Street Name:

Town/City:

Eircode: R93 WR00

Location: County

Asking Price: €10000

Viewing Times: 10:00 - 19:00

Status: Sale

Highest Bid: 0

Office Details

Floor: e.g. 7

Area (sqm): Square metres

Layout: e.g. large open area, 2 small rooms, etc.

Internet: e.g. wireless

Access: e.g. ramps/elevators

Telephone System: e.g. VoIP

Reception Facilities: e.g. receptionist on duty

Type of Security: e.g. Netwatch, patrols, etc.

Canteen Facilities: e.g. large open-access canteen

Type of Ownership: Freehold or Long Lease

Buttons

Submit

Clear



Add_office.html.php

```
1  <!-- Amelia Hamulewicz -->
2  <!-- March 2025 -->
3  <!-- Add Office -->

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <!-- Page title and metadata -->
5      <title>EstateFlow - Add Office</title>
6      <meta charset="UTF-8">
7      <!-- External CSS stylesheets -->
8      <link rel="stylesheet" href="../menu.css">
9      <link rel="stylesheet" href="office.css">
10     <link rel="icon" type="image/x-icon" href="../images/icon.png">
11
12 </head>
13 <body>
14     <!-- Top bar displaying the application name -->
15     <div class="topBar">EstateFlow</div>
16
17     <!-- Sidebar navigation menu -->
18     <div class="sidebar" id="mySidebar">
19         <!-- Logo that links back to the main menu -->
20         <div class="logo">
21             <a href ="..\menu.html"></a>
22         </div>
23
24         <!-- Navigation buttons -->
25         <a class =button selected" href="add_office.html.php">Add a New Office Property</a>
26         <a class =button" href="delete_office.html.php">Delete an Office Property</a>
27         <a class =button" href="ammendview_office.html.php">Amend/View an Office Property</a>
28         <a class =button" id="exit" href="..\menu.html">Return to Menu</a>
29     </div>
30
31     <script>
32     /**
33      * Function to confirm the user's intent to save changes.
34      * This function is triggered when the form is submitted.
35      * Returns true if the user confirms, otherwise prevents form submission.
36     */
37     function confirmSubmission()
38     {
39         return confirm("Do you want to insert this record?");
40     }
41
42     /**
43      * Populates the hidden owner fields based on dropdown selection.
44      * Parses a comma-separated value (e.g., "123,John Doe") and fills in the Owner ID and Name fields.
45      */
46     function populateOwner() {
47         var select = document.getElementById("ownerSelect");
48         var selectedValue = select.value; // Get the selected CSV value (ID, Name)
49
50         if (selectedValue) {
51             var data = selectedValue.split(','); // Split the value into an array
52             document.getElementById("id").value = data[0]; // Owner ID
53             document.getElementById("owner").value = data[1]; // Owner Name
54
55             console.log("Owner ID set:", data[0]); // Debugging log
56             console.log("Owner Name set:", data[1]); // Debugging log
57         } else
58         {
59             document.getElementById("id").value = ""; //null
60             document.getElementById("owner").value = "";
61         }
62     }
63
64     </script>
```



```
67     /**
68      * Enables or disables form fields based on whether an owner is selected.
69      * If an owner is selected, it populates the fields and makes them editable.
70      * If no selection, the fields remain read-only.
71      */
72     function toggleLock()
73     {
74         var selectedValue = document.getElementById("ownerSelect").value.trim();
75         if (selectedValue === "" || selectedValue === " ")
76         {
77             // Disable the form fields (read-only mode) until owner is selected
78             document.getElementById("owner").disabled = true;
79             document.getElementById("id").disabled = true;
80             document.getElementById("type").disabled = true;
81             document.getElementById("address_line1").disabled = true;
82             document.getElementById("address_line2").disabled = true;
83             document.getElementById("address_line3").disabled = true;
84             document.getElementById("eircode").disabled = true;
85             document.getElementById("location").disabled = true;
86             document.getElementById("asking_price").disabled = true;
87             document.getElementById("viewing_times").disabled = true;
88             document.getElementById("status").disabled = true;
89             document.getElementById("highest_bid").disabled = true;
90
91             document.getElementById("floor").disabled = true;
92             document.getElementById("area").disabled = true;
93             document.getElementById("layout").disabled = true;
94             document.getElementById("internet").disabled = true;
95             document.getElementById("access").disabled = true;
96             document.getElementById("telephone_system").disabled = true;
97             document.getElementById("reception").disabled = true;
98             document.getElementById("security").disabled = true;
99             document.getElementById("canteen").disabled = true;
100            document.getElementById("ownership").disabled = true;
101
102        } else
103        {
104            populateOwner();
105            // Enable and populate fields
106            document.getElementById("owner").disabled = false;
107            document.getElementById("id").disabled = false;
108            document.getElementById("type").disabled = false;
109            document.getElementById("address_line1").disabled = false;
110            document.getElementById("address_line2").disabled = false;
111            document.getElementById("address_line3").disabled = false;
112            document.getElementById("eircode").disabled = false;
113            document.getElementById("location").disabled = false;
114            document.getElementById("asking_price").disabled = false;
115            document.getElementById("viewing_times").disabled = false;
116            document.getElementById("status").disabled = false;
117            document.getElementById("highest_bid").disabled = false;
118
119            document.getElementById("floor").disabled = false;
120            document.getElementById("area").disabled = false;
121            document.getElementById("layout").disabled = false;
122            document.getElementById("internet").disabled = false;
123            document.getElementById("access").disabled = false;
124            document.getElementById("telephone_system").disabled = false;
125            document.getElementById("reception").disabled = false;
126            document.getElementById("security").disabled = false;
127            document.getElementById("canteen").disabled = false;
128            document.getElementById("ownership").disabled = false;
129        }
130        /**
131         * Helper function to populate owner and confirm before submission.
132         * This ensures both behaviors are triggered.
133         */
134        function handleFormSubmit() {
135            populateOwner();
136            return confirmSubmission(); // Ensures confirmation before submission
137        }
138    }
139}
```



```
        '
141    </script>
142    <!-- Main content area with form -->
143    <div class="content">
144        <!-- Form to submit new office property -->
145        <form action="add_office.php" method="POST" onsubmit="handleFormSubmit(); return true;">
146
147        <h2>Add an Office Property</h2>
148
149        <!-- Instructions for the user -->
150        <h4>Please select an Owner you wish to add a property to..</h4>
151        <br>
152        <!-- PHP file that generates the dropdown list -->
153        <?php include 'listbox.php'; ?>
154        <div class = formContainer>
155            <!-- Property Details -->
156            <fieldset>
157                <legend>Property Details</legend>
158
159                <!-- Owner fields (auto-filled) -->
160                <p>
161                    <label for="owner">Owner: </label>
162                    <input type="text" name="owner" id="owner" value="" readonly>
163
164                </p>
165
166                <!-- owner ic -->
167                <p><label for="id">Owner Id: </label>
168                    <input type="number" name="id" id="id" value="" readonly/></p>
169
170                <!-- property type -->
171                <p><label for="type">Property Type: </label>
172                    <input type="text" name="type" id="type" value="Office" readonly disabled/></p>
173
174                <!-- Address inputs split across lines -->
175                <p><label for="address">Address: </label>
176                    <input type="text" name="address_line1" id="address_line1" placeholder="Address Line 1" required disabled/> <br>
177                    <input type="text" name="address_line2" id="address_line2" placeholder="Street Name" required disabled/> <br>
178                    <input type="text" name="address_line3" id="address_line3" placeholder="Town/City" required disabled/></p>
179
180                <!-- Eircode input with pattern validation -->
181                <p>
182                    <label for="eircode">Eircode: </label>
183                    <input type="text" name="eircode" id="eircode" placeholder="R93 WR00"
184                        pattern="^([A-Za-z]{2})\\d{2}\\s?[A-Za-z0-9]{4}$"
185                        title="Eircode must be in the format A12 B3CD (e.g., R93 WR00)"'
186                        required disabled/>
187                </p>
188
189                <!-- location -->
190                <p><label for="location">Location: </label>
191                    <input type="text" name="location" id="location" placeholder="County" required disabled/></p>
192
193                <!-- Asking Price -->
194                <p><label for="asking_price">Asking Price: </label>
195                    <input type="number" step="0.01" name="asking_price" id="asking_price" placeholder="€10000" required disabled/></p>
196
197                <!-- Viewing Times -->
198                <p><label for="viewing_times">Viewing Times: </label>
199                    <input type="text" name="viewing_times" id="viewing_times" placeholder="10:00 - 19:00" required disabled/></p>
200
201                <!-- Status -->
202                <p>
203                    <label for="status">Status: </label>
204                    <select name="status" id="status" readonly disabled>
205                        <option value="0">Sale</option>
206                        <option value="1">Sale Agreed</option>
207                        <option value="2">Sale Complete</option>
208                    </select>
209                </p>
210
211                <!-- highest bid -->
212                <p><label for="highest_bid">Highest Bid: </label>
213                    <input type="number" step="0.01" name="highest_bid" id="highest_bid" value="0" readonly disabled/></p>
214
```



```
211      <!-- highest bid -->
212      <p><label for="highest_bid">Highest Bid: </label>
213          <input type="number" step=".01" name="highest_bid" id="highest_bid" value="0" readonly disabled/></p>
214
215  </fieldset>
216
217  <!-- Office Details -->
218  <fieldset>
219      <legend>Office Details</legend>
220
221      <!-- floor -->
222      <p><label for="floor">Floor: </label>
223          <input type="text" name="floor" id="floor" placeholder="e.g. 7" required disabled/></p>
224
225      <!-- area -->
226      <p><label for="area">Area (sqm): </label>
227          <input type="number" step=".01" name="area" id="area" placeholder="Square metres" required disabled/></p>
228
229      <!-- layout -->
230      <p><label for="layout">Layout: </label>
231          <input type="text" name="layout" id="layout" placeholder="e.g. large open area, 2 small rooms, etc." required disabled/></p>
232
233      <!-- internet -->
234      <p><label for="internet">Internet: </label>
235          <input type="text" name="internet" id="internet" placeholder="e.g. wireless" required disabled/></p>
236
237      <!-- access -->
238      <p><label for="access">Access: </label>
239          <input type="text" name="access" id="access" placeholder="e.g. ramps/elevators" required disabled/></p>
240
241      <!-- telephone system -->
242      <p><label for="telephone_system">Telephone System: </label>
243          <input type="text" name="telephone_system" id="telephone_system" placeholder="e.g. VoIP" required disabled/></p>
244
245      <!-- reception facilities -->
246      <p><label for="reception">Reception Facilities: </label>
247          <input type="text" name="reception" id="reception" placeholder="e.g. receptionist on duty" required disabled/></p>
248
249      <!-- security -->
250      <p><label for="security">Type of Security: </label>
251          <input type="text" name="security" id="security" placeholder="e.g. Netwatch, patrols, etc." required disabled/></p>
252
253      <!-- canteen -->
254      <p><label for="canteen">Canteen Facilities: </label>
255          <input type="text" name="canteen" id="canteen" placeholder="e.g. large open-access canteen" required disabled/></p>
256
257      <!-- ownership -->
258      <p><label for="ownership">Type of Ownership: </label>
259          <input type="text" name="ownership" id="ownership" placeholder="Freehold or Long Lease" required disabled/></p>
260
261  </fieldset>
262
263  <br>
264  <!-- Submit and Clear form buttons -->
265  <div class="myButton">
266      <input type="submit" value="Submit"/>
267      <input type="reset" value="Clear"/>
268  </div>
269  </form>
270 </div>
271 </body>
272 </html>
```



Addoffice.php

```
1  <!-- Amelia Hamulewicz -->
2  <!-- March 2025 -->
3  <!-- Add Office -->

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <!-- Page title and metadata -->
5      <title>EstateFlow - Add Office</title>
6      <meta charset="UTF-8">
7      <!-- External CSS stylesheets -->
8      <link rel="stylesheet" href=".\\menu.css">
9      <link rel="stylesheet" href="amendoffice.css">
10     <link rel="icon" type="image/x-icon" href=".\\images/icon.png">
11
12 </head>
13 <body>
14     <!-- Top bar displaying the application name -->
15     <div class="topBar">EstateFlow</div>
16
17     <!-- Sidebar navigation menu -->
18     <div class="sidebar" id="mySidebar">
19         <!-- Logo that links back to the main menu -->
20         <div class="logo">
21             <a href=".\\menu.html"></a>
22         </div>
23
24         <!-- Navigation buttons -->
25         <a class="button selected" href="add_office.html.php">Add a New Office Property</a>
26         <a class="button" href="delete_office.html.php">Delete an Office Property</a>
27         <a class="button" href="ammendview_office.html.php">Amend/View an Office Property</a>
28         <a class="button" id="exit" href=".\\menu.html">Return to Menu</a>
29     </div>
30
31     <!-- Main Content Area -->
32     <div class="content">
33         <?php
34             // Include database connection file
35             include 'db.inc.php';
36
37             // Set the default timezone to Coordinated Universal Time (UTC)
38             date_default_timezone_set("UTC");
39
40             // Combine address fields into one string
41             $addressLine1 = $_POST['address_line1'];
42             $addressLine2 = $_POST['address_line2'];
43             $addressLine3 = $_POST['address_line3'];
44
45             // Combine them into one address string
46             $combinedAddress = $addressLine1 . ", " . $addressLine2 . ", " . $addressLine3;
47
48             // SQL query to insert the received data into the 'Property' table
49             $sql = "INSERT INTO Property (owner, type, address, eircode, location, asking_price, viewing_times, status, highest_bid, delete_flag)
50             VALUES ('$_POST[id]', '$_POST[type]', '$combinedAddress', '$_POST[eircode]', '$_POST[location]',
51             '$_POST[asking_price]', '$_POST[viewing_times]', '$_POST[status]', '$_POST[highest_bid]', '0')";
52
53             // Execute the query and check for errors
54             if (!mysqli_query($con, $sql)) {
55                 die("An Error in the SQL Query: " . mysqli_error($con)); // Output error message if query fails
56             }
57
58             // Get the last inserted property_id
59             $property_id = mysqli_insert_id($con);
60
61             // SQL query to insert the received data into the 'Property' table
62             $sql = "INSERT INTO Office (property_id, floor, area, layout, internet, access, telephone_system, reception, security, canteen, ownership, delete_flag)
63             VALUES ($property_id, '$_POST[floor]', '$_POST[area]', '$_POST[layout]', '$_POST[internet]', '$_POST[access]',
64             '$_POST[telephone_system]', '$_POST[reception]', '$_POST[security]', '$_POST[canteen]', '$_POST[ownership]', '0')";
65
66
67             // Execute the query and check for errors
68             if (!mysqli_query($con, $sql)) {
69                 die("An Error in the SQL Query: " . mysqli_error($con)); // Output error message if query fails
70             }
71
72             // Close the database connection
73             mysqli_close($con);
74         ?>
75
76         <div class="formContainer">
77             <!-- Form to return to the insert page -->
78             <form action="add_office.html.php" method="POST">
79                 <br>
80                 <input type="submit" value="Return to Insert Page"/>
81             </form>
82         </div>
83     </div>
84 </body>
85 </html>
```



Listbox.php

```
1  <!-- Amelia Hamulewicz -->
2  <!-- March 2025 -->
3  <!-- Add Office -->

1  <?php
2  // Include database connection
3  include "db.inc.php";
4
5  // Fetch Owner details
6  $sqlOwners = "SELECT client_id, name FROM Client WHERE seller = 1";
7  $resultOwners = mysqli_query($con, $sqlOwners);
8  if (!$resultOwners) {
9      die('Error querying Client table: ' . mysqli_error($con));
10 }
11
12 // Start dropdown
13 echo "<br><select name='ownerSelect' id='ownerSelect' onchange='toggleLock()'" ;
14 echo "<option value='' disabled selected>Select an Owner</option>";
15
16 // Fetch each owner
17 while ($row = mysqli_fetch_assoc($resultOwners)) {
18     $ownerId = $row['client_id'];
19     $ownerName = $row['name'];
20
21     // Store data as a CSV string (ID, Name)
22     $optionValue = "$ownerId,$ownerName";
23
24     echo "<option value='$optionValue'$>$ownerName</option>";
25 }
26
27 // Close dropdown and connection
28 echo "</select>";
29 mysqli_close($con);
30 ?>
31
```



Amend/View an Office Property

EstateFlow - Ammend Office

25/03/2025, 00:12

The screenshot shows the EstateFlow software interface. On the left is a sidebar with a house icon and a vertical menu:

- Add a New Office Property
- Delete an Office Property
- Amend/View an Office Property** (highlighted in green)
- Return to Menu

The main area has a header "EstateFlow" and a title "Amend/View an Office Property". Below the title is a message: "Please select an Office and then click the amend button if you wish to upd:". There are three buttons: "All" (green), "Sold" (grey), and "Unsold" (grey). A dropdown menu labeled "Select a Property" is shown. At the bottom is a green button labeled "Amend Details".

https://c2p-auctioneers.canddept.com/EstateFlow/Amelia/ammendview_office.html.php

Page 1 of 2



Ammendview_office.html.php

```
1  <!-- Amelia Hamulewicz -->
2  <!-- March 2025 -->
3  <!-- Ammend / View Office -->
4
5  <!DOCTYPE html>
6  <html lang="en">
7  <head>
8      <!-- Page title and metadata -->
9      <title>EstateFlow - Ammend Office</title>
10     <meta charset="UTF-8">
11     <!-- External CSS stylesheets -->
12     <link rel="stylesheet" href=".\\menu.css">
13     <link rel="stylesheet" href="office.css">
14     <link rel="icon" type="image/x-icon" href="..\\images/icon.png">
15
16 </head>
17 <body>
18     <!-- Top bar displaying the application name -->
19     <div class="topBar">EstateFlow</div>
20
21     <!-- Sidebar navigation menu -->
22     <div class="sidebar" id="mySidebar">
23         <!-- Logo that links back to the main menu -->
24         <div class="logo">
25             <a href="..\\menu.html"></a>
26         </div>
27
28         <!-- Navigation buttons -->
29         <a class="button" href="add_office.html.php">Add a New Office Property</a>
30         <a class="button" href="delete_office.html.php">Delete an Office Property</a>
31         <a class="button selected" href="ammendview_office.html.php">Amend/View an Office Property</a>
32         <a class="button" id="exit" href="..\\menu.html">Return to Menu</a>
33     </div>
34     <div class="content">
35         <script>
36             /**
37             * Function to populate the form fields with selected property's details.
38             * This function is triggered when an item is selected from the dropdown list.
39             */
40
41             function populate() {
42                 // Get the <select> element by its ID "listbox"
43                 var sel = document.getElementById("listbox");
44
45                 // Get the value of the currently selected option
46                 var result = sel.options[sel.selectedIndex].value;
47
48                 // Split the selected value into an array using semicolon as the delimiter
49                 // Assumes the value contains multiple property details joined by ;
50                 var propertyDetails = result.split(';');
51
52                 document.getElementById("amendeircode").value = propertyDetails[0]; // Eircode
53                 document.getElementById("amendid").value = propertyDetails[1]; // Property ID
54                 document.getElementById("amendowner").value = propertyDetails[2]; // Owner Name
55                 document.getElementById("amendtype").value = propertyDetails[3]; // Property Type
56                 document.getElementById("amendaddress1").value = propertyDetails[4].split(',')[0]; // Address Line 1
57                 document.getElementById("amendaddress2").value = propertyDetails[4].split(',')[1]; // Address Line 2
58                 document.getElementById("amendaddress3").value = propertyDetails[4].split(',')[2]; // Postal Code
59                 document.getElementById("amendlocation").value = propertyDetails[5]; // Location
60                 document.getElementById("amendprice").value = propertyDetails[6]; // Asking Price
61                 document.getElementById("amendtimes").value = propertyDetails[7]; // Viewing Times
62                 document.getElementById("amendstatus").value = propertyDetails[8]; // Status
63                 document.getElementById("amendhbid").value = propertyDetails[9]; // Highest Bid
64                 document.getElementById("amendlst").value = propertyDetails[10]; // Date Listed
65
66                 document.getElementById("amendo_id").value = propertyDetails[11]; // Office ID
67                 document.getElementById("amendfloor").value = propertyDetails[12]; // Floor
68                 document.getElementById("amendarea").value = propertyDetails[13]; // Area (sqm)
69                 document.getElementById("amendlayout").value = propertyDetails[14]; // Layout
70                 document.getElementById("amendinternet").value = propertyDetails[15]; // Internet
71                 document.getElementById("amendaccess").value = propertyDetails[16]; // Access
72                 document.getElementById("amendtel").value = propertyDetails[17]; // Telephone System
73                 document.getElementById("amendreception").value = propertyDetails[18]; // Reception Facilities
74                 document.getElementById("amendsecurity").value = propertyDetails[19]; // Security Type
75                 document.getElementById("amendcanteen").value = propertyDetails[20]; // Canteen
76                 document.getElementById("amendownership").value = propertyDetails[21]; // Ownership Type
77             }
78         </script>
79     </div>
80 
```



```
19
80     /**
81      * Function to toggle the form fields between editable and read-only.
82      * Triggered when the "Amend Details" button is clicked.
83      */
84     function toggleLock()
85     {
86
87         // Check if the button text is "Amend Details"
88         if (document.getElementById("amendViewbutton").value == "Amend Details")
89         {
90             // Enable form fields for submission
91             document.getElementById("amendid").disabled = false; // Property ID
92             document.getElementById("amendowner").disabled = false; // Owner Name
93             document.getElementById("amendtype").disabled = false; // Property Type
94             document.getElementById("amendaddress1").disabled = false; // Address
95             document.getElementById("amendaddress2").disabled = false; // Address
96             document.getElementById("amendaddress3").disabled = false; // Address
97             document.getElementById("amendlocation").disabled = false; // Location
98             document.getElementById("amendprice").disabled = false; // Asking Price
99             document.getElementById("amendtimes").disabled = false; // Viewing Times
100            document.getElementById("amendstatus").disabled = true; // Status
101            document.getElementById("amendhbid").disabled = false; // Highest Bid
102            document.getElementById("amendlist").disabled = false; // Date Listed
103
104            document.getElementById("amendo_id").disabled = false; // Office ID
105            document.getElementById("amendfloor").disabled = false; // Floor
106            document.getElementById("amendarea").disabled = false; // Area (sqm)
107            document.getElementById("amendlayout").disabled = false; // Layout
108            document.getElementById("amendinternet").disabled = false; // Internet
109            document.getElementById("amendaccess").disabled = false; // Access
110            document.getElementById("amendtel").disabled = false; // Telephone System
111            document.getElementById("amendreception").disabled = false; // Reception Facilities
112            document.getElementById("amendsecurity").disabled = false; // Security Type
113            document.getElementById("amendcanteen").disabled = false; // Canteen
114            document.getElementById("amendownership").disabled = false; // Ownership Type
115
116            document.getElementById("amendViewbutton").value = "View Details"; // Change button text
117        }
118    }  
else
119    {
120        // Disable the form fields (read-only mode)
121        // If switching back to "View Details", repopulate with original data
122        populate(); // Repopulate with original values
123
124        // Enable form fields for submission
125        document.getElementById("amendid").disabled = true; // Property ID
126        document.getElementById("amendowner").disabled = true; // Owner Name
127        document.getElementById("amendtype").disabled = true; // Property Type
128        document.getElementById("amendaddress1").disabled = true; // Address
129        document.getElementById("amendaddress2").disabled = true; // Address
130        document.getElementById("amendaddress3").disabled = true; // Address
131        document.getElementById("amendlocation").disabled = true; // Location
132        document.getElementById("amendprice").disabled = true; // Asking Price
133        document.getElementById("amendtimes").disabled = true; // Viewing Times
134        document.getElementById("amendstatus").disabled = true; // Status
135        document.getElementById("amendhbid").disabled = true; // Highest Bid
136        document.getElementById("amendlist").disabled = true; // Date Listed
137
138        document.getElementById("amendo_id").disabled = true; // Office ID
139        document.getElementById("amendfloor").disabled = true; // Floor
140        document.getElementById("amendarea").disabled = true; // Area (sqm)
141        document.getElementById("amendlayout").disabled = true; // Layout
142        document.getElementById("amendinternet").disabled = true; // Internet
143        document.getElementById("amendaccess").disabled = true; // Access
144        document.getElementById("amendtel").disabled = true; // Telephone System
145        document.getElementById("amendreception").disabled = true; // Reception Facilities
146        document.getElementById("amendsecurity").disabled = true; // Security Type
147        document.getElementById("amendcanteen").disabled = true; // Canteen
148        document.getElementById("amendownership").disabled = true; // Ownership Type
149
150        document.getElementById("amendViewbutton").value = "Amend Details"; // Change button text back
151    }
152}
153
```



```
~~~
154 // Initialize a boolean variable to keep track of visibility state
155 var hidden = true;
156
157 /**
158 * Toggles the visibility of the element with ID 'togglee'
159 * Each time this function is called, it switches between hidden and visible
160 */
161 function action() {
162     // Flip the boolean value (true becomes false, false becomes true)
163     hidden = !hidden;
164
165     // If hidden is true, hide the element
166     if (hidden) {
167         document.getElementById('togglee').style.visibility = 'hidden';
168     }
169     // If hidden is false, show the element
170     else {
171         document.getElementById('togglee').style.visibility = 'visible';
172     }
173 }
174
175 /**
176 * Function to confirm the user's intent to save changes.
177 * This function is triggered when the form is submitted.
178 * Returns true if the user confirms, otherwise prevents form submission.
179 */
180 function confirmCheck()
181 {
182     var response;
183     response = confirm('Are you sure you want to save these changes?');
184
185     if (response)
186     {
187         // Enable all fields before submitting (so they are included in POST data)
188         document.getElementById("amendid").disabled = false; // Property ID
189         document.getElementById("amendowner").disabled = false; // Owner Name
190         document.getElementById("amendtype").disabled = false; // Property Type
191         document.getElementById("amendaddress1").disabled = false; // Address
192         document.getElementById("amendaddress2").disabled = false; // Address
193         document.getElementById("amendaddress3").disabled = false; // Address
194         document.getElementById("amendlocation").disabled = false; // Location
195         document.getElementById("amendprice").disabled = false; // Asking Price
196         document.getElementById("amendtimes").disabled = false; // Viewing Times
197         document.getElementById("amendstatus").disabled = false; // Status
198         document.getElementById("amendhbid").disabled = false; // Highest Bid
199         document.getElementById("amendlist").disabled = false; // Date Listed
200
201         document.getElementById("amendo_id").disabled = false; // Office ID
202         document.getElementById("amendfloor").disabled = false; // Floor
203         document.getElementById("amendarea").disabled = false; // Area (sqm)
204         document.getElementById("amendlayout").disabled = false; // Layout
205         document.getElementById("amendinternet").disabled = false; // Internet
206         document.getElementById("amendaccess").disabled = false; // Access
207         document.getElementById("amendtel").disabled = false; // Telephone System
208         document.getElementById("amendreception").disabled = false; // Reception Facilities
209         document.getElementById("amendsecurity").disabled = false; // Security Type
210         document.getElementById("amendcanteen").disabled = false; // Canteen
211         document.getElementById("amendownership").disabled = false; // Ownership Type
212
213         return true; // Proceed with form submission
214     }
215     else
216     {
217         // If the user cancels, repopulate the fields and re-lock them
218         populate();
219         toggleLock();
220         return false; // Prevent form submission
221     }
222 }
223
224 /**

```



```
~~~  
224     /**  
225      * This function runs when a button is clicked.  
226      * It performs two actions:  
227      * 1. Calls toggleLock() to enable/disable form fields based on selection.  
228      * 2. Calls action() to toggle visibility of a specific element.  
229      */  
230     function button()  
231     {  
232         toggleLock();  
233         action();  
234     }  
235  
236     // Function to handle property filtering based on user selection  
237     function filterProperties(choice)  
238     {  
239         // Set the value of the hidden input field to the selected choice  
240         document.getElementById("filterChoice").value = choice;  
241  
242         // Submit the form named 'filterForm' to apply the selected filter  
243         // This approach avoids modifying the URL manually  
244         document.filterForm.submit(); // Submit form instead of modifying the URL  
245     }  
246  
247  
248     </script>  
249  
250     <?php  
251         // Default filter choice  
252         $statusFilter = "all";  
253  
254         // Check if a sorting choice was submitted via GET request  
255         if (isset($_GET['status']))  
256         {  
257             $statusFilter = $_GET['status']; // Assign the chosen filter  
258         }  
259     ?>  
260  
261     <!-- Paragraph to display selected person's details -->  
262     <p id="display"></p>  
263     <form action="ammendview_office.html.php" method="get" name="filterForm" id="filterForm" hidden>  
264         <input type="text" name="status" id="filterChoice" hidden>  
265     </form>  
266     <!-- Form for submitting the updated details -->  
267         <!-- Form for submitting the updated details -->  
268     <form name="myForm" action="ammendview.php" onsubmit="return confirmCheck()" method="post">  
269         <h2>Amend/View an Office Property</h2>  
270  
271         <!-- Instructions for the user -->  
272         <h4>Please select an Office and then click the amend button if you wish to update..</h4>  
273         <br>  
274         <!-- Button container for filtering -->  
275         <div class='button-container'>  
276             <input type="button" class='filter-button' id="allButton" value="All"  
277                 onclick="filterProperties('all')" title="Click here to see all properties">  
278             <input type="button" class='filter-button' id="soldButton" value="Sold"  
279                 onclick="filterProperties('sold')" title="Click here to see all Sold properties">  
280             <input type="button" class='filter-button' id="unsoldButton" value="Unsold"  
281                 onclick="filterProperties('unsold')" title="Click here to see all Unsold properties">  
282         </div>  
283         <!-- Include the PHP file that generates the dropdown list -->  
284         <?php include 'ammendview_listbox.php'; ?>  
285         <br>  
286  
287  
288         <?php  
289             if ($statusFilter == "all")  
290             {  
291             ?>  
292                 <!-- Disable All button... Enable others -->  
293                 <script>  
294                     document.getElementById("allButton").disabled = true;  
295                     document.getElementById("soldButton").disabled = false;  
296                     document.getElementById("unsoldButton").disabled = false;  
297                 </script>  
298             <?php  
299             }  
300             elseif ($statusFilter == "unsold")  
301             {  
302             ?>  
303                 <!-- Disable Unsold button... Enable others -->
```



```
?>
        <!-- Disable Unsold button... Enable others -->
        <script>
            document.getElementById("allButton").disabled = false;
            document.getElementById("soldButton").disabled = false;
            document.getElementById("unsoldButton").disabled = true;
        </script>
    <?php
    }
    else
    {
?>
        <!-- Disable Sold button... Enable others -->
        <script>
            document.getElementById("allButton").disabled = false;
            document.getElementById("soldButton").disabled = true;
            document.getElementById("unsoldButton").disabled = false;
        </script>
    <?php
    }
?>

<!-- Button to toggle form fields between editable and read-only -->
<input type="button" value="Amend Details" id="amendViewbutton" onclick="button()">
<div class="formContainer">
    <!-- Property Details -->
    <fieldset>
        <legend>Property Details</legend>
        <p>
            <label for="amendeircode">Eircode: </label>
            <input type="text" name="amendeircode" id="amendeircode"
                pattern="^([A-Z-a-z]{2})\\s{2}([A-Z-a-z0-9]{4})$" required disabled/>
        </p>

        <!-- Property Id -->
        <p><label for="amendid">Property ID: </label>
        <input type="number" name="amendid" id="amendid" readonly disabled/></p>

        <!-- Owner -->
        <p><label for="amendowner">Owner: </label>
        <input type="text" name="amendowner" id="amendowner" readonly disabled/></p>

        <!-- Property Type -->
        <p><label for="amendtype">Property Type: </label>
        <input type="text" name="amendtype" id="amendtype" readonly disabled/></p>

        <!-- Address -->
        <p><label for="amendaddress1">Address: </label>
        <input type="text" name="amendaddress1" id="amendaddress1" required disabled/></p>
        <input type="text" name="amendaddress2" id="amendaddress2" required disabled/>
        <input type="text" name="amendaddress3" id="amendaddress3" required disabled/>

        <!-- Location -->
        <p><label for="amendlocation">Location: </label>
        <input type="text" name="amendlocation" id="amendlocation" required disabled/></p>

        <!-- Asking Price -->
        <p><label for="amendprice">Asking Price: </label>
        <input type="number" step="0.01" name="amendprice" id="amendprice" required disabled/></p>

        <!-- Viewing Times -->
        <p><label for="amendtimes">Viewing Times: </label>
        <input type="text" name="amendtimes" id="amendtimes" required disabled/></p>

        <!-- Status -->
        <p>
            <label for="amendstatus">Status: </label>
            <select name="amendstatus" id="amendstatus" readonly disabled>
                <option value="0" selected>
```



```
366         <!-- Status -->
367         <p>
368             <label for="amendstatus">Status: </label>
369             <select name="amendstatus" id="amendstatus" readonly disabled>
370                 <option value="0">Sale</option>
371                 <option value="1">Sale Agreed</option>
372                 <option value="2">Sale Completed</option>
373             </select>
374         </p>
375
376         <!-- Highest Bid -->
377         <p><label for="amendhbid">Highest Bid: </label>
378             <input type="number" step="0.01" name="amendhbid" id="amendhbid" readonly disabled/></p>
379
380         <!-- Date Listed -->
381         <p><label for="amendlist">Date Listed: </label>
382             <input type="text" name="amendlist" id="amendlist" value="" readonly disabled/>
383         </p>
384
385     </fieldset>
386
387     <!-- Office Details -->
388     <fieldset>
389         <legend>Office Details</legend>
390
391         <!-- office id -->
392         <p><label for="amendo_id">Office ID: </label>
393             <input type="number" name="amendo_id" id="amendo_id" readonly disabled/></p>
394
395         <!-- floor -->
396         <p><label for="amendfloor">Floor: </label>
397             <input type="text" name="amendfloor" id="amendfloor" required disabled/></p>
398
399         <!-- area -->
400         <p><label for="amendarea">Area (sqm): </label>
401             <input type="number" step="0.01" name="amendarea" id="amendarea" required disabled/></p>
402
403         <!-- layout -->
404         <p><label for="amendlayout">Layout: </label>
405             <input type="text" name="amendlayout" id="amendlayout" required disabled/></p>
406
407         <!-- interent -->
408         <p><label for="amendinternet">Internet: </label>
409             <input type="text" name="amendinternet" id="amendinternet" required disabled/></p>
410
411         <!-- Access -->
412         <p><label for="amendaccess">Access: </label>
413             <input type="text" name="amendaccess" id="amendaccess" required disabled/></p>
414
415         <!-- Telephone System -->
416         <p><label for="amendtel">Telephone System: </label>
417             <input type="text" name="amendtel" id="amendtel" required disabled/></p>
418
419         <!-- Reception Facilities -->
420         <p><label for="amendreception">Reception Facilities: </label>
421             <input type="text" name="amendreception" id="amendreception" required disabled/></p>
422
423         <!-- Type of Security -->
424         <p><label for="amendsecurity">Type of Security: </label>
425             <input type="text" name="amendsecurity" id="amendsecurity" required disabled/></p>
426
427         <!-- Canteen Facilities -->
428         <p><label for="amendcanteen">Canteen Facilities: </label>
429             <input type="text" name="amendcanteen" id="amendcanteen" required disabled/></p>
430
431         <!-- Ownership -->
432         <p><label for="amendownership">Type of Ownership: </label>
433             <input type="text" name="amendownership" id="amendownership" required disabled/></p>
434     </fieldset>
435
436     <br>
437
438     <!-- Submit button, hidden by default, shown via JS toggle -->
439     <div class="myButton">
440         <input type="submit" id="togglee" value="Save Changes" style="visibility: hidden;">
441     </div>
442
443     </form>
444
445 </body>
446 </html>
```



Ammendview.php

```
1  <!-- Amelia Hamulewicz -->
2  <!-- March 2025 -->
3  <!-- Ammend / View Office -->
4
5  <!-- Estate Flow - Complete Sale Page -->
6  <!DOCTYPE html>
7  <html lang="en">
8  <head>
9    <!-- Sets title -->
10   <title>EstateFlow - Ammend/View a Sale</title>
11   <meta charset="UTF-8">
12   <link rel="stylesheet" href="..\menu.css">
13   <link rel="stylesheet" href="office.css">
14   <link rel="icon" type="image/x-icon" href="..\images/icon.png">
15 </head>
16 <body>
17
18  <!-- Fixed Top Bar displaying the page title -->
19  <div class="topBar">EstateFlow</div>
20
21  <!-- Sidebar Navigation Menu -->
22  <div class="sidebar" id="mySidebar">
23    <!-- Logo Section inside Sidebar -->
24    <div class="logo">
25      <a href ="..\menu.html"></a>
26    </div>
27    <a class ="button" href="add_office.html.php">Add a New Office Property</a>
28    <a class ="button" href="delete_office.html.php">Delete an Office Property</a>
29    <a class ="button selected" href="ammendview_office.html.php">Amend/View an Office Property</a>
30    <a class ="button" id="exit" href="..\menu.html">Return to Menu</a>
31  </div>
32
33  <!-- Main Content Area -->
34  <div class="content"><?php
35 // Include database connection
36
37 include 'db.inc.php';
38
39 // Start the session
40 session_start();
41
42 // **VALIDATE PROPERTY ID BEFORE FETCHING DATE**
43 if (!isset($_POST['amendid']) || empty($_POST['amendid'])) {
44   die("Error: Property ID is missing or empty.");
45 }
46
47 // Combine address fields into one string
48 $addressLine1 = $_POST['amendaddress1'];
49 $addressLine2 = $_POST['amendaddress2'];
50 $addressLine3 = $_POST['amendaddress3'];
51
52 // Combine them into one address string
53 $combinedAddress = $addressLine1 . ", " . $addressLine2 . ", " . $addressLine3;
54
55 // SQL query to update the Property and Office tables
56 $sqlProperty = "UPDATE Property SET
57   owner = '{$_POST['amendowner']}',
58   type = '{$_POST['amendtype']}',
59   address = '$combinedAddress',
60   location = '{$_POST['amendlocation']}',
61   asking_price = '{$_POST['amendprice']}',
62   viewing_times = '{$_POST['amendtimes']}',
63   status = '{$_POST['amendstatus']}',
64   highest_bid = '{$_POST['amendhbid']}'
65 WHERE property_id = '{$_POST['amendid']}'";
```



```
```
67 // Execute the property update query
68 if (!mysqli_query($con, $sqlProperty)) {
69 echo "Error updating Property: " . mysqli_error($con);
70 }
71
72 $affectedProperty = mysqli_affected_rows($con);
73
74 // Update Office details
75 $sqlOffice = "UPDATE Office SET
76 floor = '$_POST['amendfloor']]',
77 area = '$_POST['amendarea']]',
78 layout = '$_POST['amendlayout']]',
79 internet = '$_POST['amendinternet']]',
80 access = '$_POST['amendaccess']]',
81 telephone_system = '$_POST['amendtel']]',
82 reception = '$_POST['amendreception']]',
83 security = '$_POST['amendsecurity']]',
84 canteen = '$_POST['amendcanteen']]',
85 ownership = '$_POST['amendownership']]'
86 WHERE office_id = '$_POST['amendo_id']]'";
87
88 // Execute the office update query
89 if (!mysqli_query($con, $sqlOffice)) {
90 echo "Error updating Office: " . mysqli_error($con);
91 }
92
93 // Get affected rows separately
94 $affectedOffice = mysqli_affected_rows($con);
95
96 // Store updated session variables (similar to delete.php)
97 $_SESSION["property_id"] = $_POST['amendid'];
98 $_SESSION["owner"] = $_POST['amendowner'];
99 $_SESSION["type"] = $_POST['amendtype'];
100 $_SESSION["address"] = $combinedAddress;
101 $_SESSION["location"] = $_POST['amendlocation'];
102 $_SESSION["status"] = $_POST['amendstatus'];
103 $_SESSION["highest_bid"] = $_POST['amendhbid'];
104 $_SESSION["asking_price"] = $_POST['amendprice'];
105 $_SESSION["viewing_times"] = $_POST['amendtimes'];
106
107 $_SESSION["office_id"] = $_POST['amendo_id'];
108 $_SESSION["floor"] = $_POST['amendfloor'];
109 $_SESSION["area"] = $_POST['amendarea'];
110 $_SESSION["layout"] = $_POST['amendlayout'];
111 $_SESSION["internet"] = $_POST['amendinternet'];
112 $_SESSION["access"] = $_POST['amendaccess'];
113 $_SESSION["telephone_system"] = $_POST['amendtel'];
114 $_SESSION["reception"] = $_POST['amendreception'];
115 $_SESSION["security"] = $_POST['amendsecurity'];
116 $_SESSION["canteen"] = $_POST['amendcanteen'];
117 $_SESSION["ownership"] = $_POST['amendownership'];
118
119
120 if ($affectedProperty != 0 || $affectedOffice != 0) {
121 echo "<h3>Record(s) updated successfully.</h3>";
122 echo "<p>Property ID: {$_POST['amendid']} - {$combinedAddress}</p>";
123 } else {
124 echo "<p>No changes were made.</p>";
125 }
126
127
128 // **Fetch the highest bid for the selected property**
129 $propertyId = $_POST['amendid'];
130 $sqlHighestBid = "SELECT MAX(amount) AS highest_bid FROM Bid WHERE property_id = '$propertyId'";
131 $resultHighestBid = mysqli_query($con, $sqlHighestBid);
132
133 if ($resultHighestBid) {
134 $row = mysqli_fetch_assoc($resultHighestBid);
135 $highestBid = $row['highest_bid'] ? $row['highest_bid'] : "No bids yet";

```



```

133 if ($resultHighestBid) {
134 $row = mysqli_fetch_assoc($resultHighestBid);
135 $highestBid = $row['highest_bid'] ? $row['highest_bid'] : "No bids yet";
136 echo "<p>Highest Bid for Property ID $propertyId: €$highestBid</p>";
137 } else {
138 echo "<p>Error fetching highest bid: " . mysqli_error($con) . "</p>";
139 }
140
141
142 // Close the database connection
143 mysqli_close($con);
144 ?>
145
146 <!-- Redirect button -->
147 <div class="formContainer">
148 <!-- Form to return to the insert page -->
149 <form action="ammendview_office.html.php" method="post">
150 <input type="submit" value="Return to Previous Screen">
151 </form>
152 </div>
153 </div>
154 </body>
155 </html>
156
157
```



## Amendview\_listbox.php:

```
1 <!-- Amelia Hamulewicz -->
2 <!-- March 2025 -->
3 <!-- Ammend / View Office -->
4
5 // Get filter value (default to 'all' if not set)
6 $statusFilter = isset($_GET['status']) ? $_GET['status'] : 'all';
7
8 // Define SQL condition based on filter
9 $statusCondition = "";
10 if ($statusFilter == "sold") {
11 $statusCondition = "AND status = 2"; // Sold properties
12 } elseif ($statusFilter == "unsold") {
13 $statusCondition = "AND status < 2"; // Unsold properties (Sale or Sale Agreed)
14 }
15
16 // Fetch Property details
17 $sqlProperty = "SELECT eircode, property_id, owner, type, address, location, asking_price,
18 viewing_times, status, highest_bid, date_listed
19 FROM Property
20 WHERE type = 'Office' AND delete_flag = 0 $statusCondition";
21
22 $resultProperty = mysqli_query($con, $sqlProperty);
23 if (!$resultProperty) {
24 die('Error querying Property table: ' . mysqli_error($con));
25 }
26
27 // Start dropdown
28 echo "
<select name='listbox' id='listbox' onchange='populate()'">";
29 echo "<option value='' disabled selected>Select a Property</option>";
30
31 // Fetch each property
32 while ($rowProperty = mysqli_fetch_assoc($resultProperty))
33 {
34 $propertyId = $rowProperty['property_id'];
35
36 // Fetch the highest bid from the Bid table
37 $sqlBid = "SELECT MAX(amount) AS highest_bid FROM Bid WHERE property_id = '$propertyId'";
38 $resultBid = mysqli_query($con, $sqlBid);
39 $rowBid = mysqli_fetch_assoc($resultBid);
40 $highestBid = $rowBid['highest_bid'] ? $rowBid['highest_bid'] : "0"; // Default to 0 if no bids
41
42 // Update highest bid in Property table
43 $sqlUpdate = "UPDATE Property SET highest_bid = '$highestBid' WHERE property_id = '$propertyId'";
44 mysqli_query($con, $sqlUpdate);
45
46 // Ensure date_listed is properly formatted (DD/MM/YYYY)
47 $dateListed = !empty($rowProperty['date_listed']) ? date("d/m/Y", strtotime($rowProperty['date_listed'])) : "N/A";
48
49 // Fetch Office details
50 $sqlOffice = "SELECT office_id, floor, area, layout, internet, access,
51 telephone_system, reception, security, canteen, ownership
52 FROM Office WHERE property_id = '$propertyId'";
53
54 $resultOffice = mysqli_query($con, $sqlOffice);
55 $rowOffice = mysqli_fetch_assoc($resultOffice) ?: array_fill_keys([
56 'office_id', 'floor', 'area', 'layout', 'internet', 'access',
57 'telephone_system', 'reception', 'security', 'canteen', 'ownership'
58], ""); // Fill missing office data with empty values
59
60 // Merge property and office data (include formatted date_listed)
61 $rowProperty['date_listed'] = $dateListed;
62 $optionValue = implode(';', array_merge($rowProperty, $rowOffice, ['highest_bid' => $highestBid]));
63
64 $eircode = $rowProperty['eircode'];
65
66 echo "<option value='$optionValue'$eircode ({$rowProperty['address']})</option>";
67 }
68
69 // Close dropdown and connection
70 echo "</select>";
71 mysqli_close($con);
72 ?>
```



## Delete an Office Property

EstateFlow - Complete a Sale

25/03/2025, 00:24

**EstateFlow**

### Delete an Office Property

Please select an Office to mark for deletion..

**Property Details**

Eircode:

Property ID:

Owner:

Property Type:

Address:

Location:

Asking Price:

Viewing Times:

Status:  Sale  Rent

Highest Bid:

Date Listed:

**Office Details**

Office ID:

Floor:

Area (sqm):

Layout:

Internet:

Access:

Telephone System:

Reception Facilities:

Type of Security:

Canteen Facilities:

Type of Ownership:

[https://c2p-auctioneers.canddept.com/EstateFlow/Amelia/delete\\_office.html.php](https://c2p-auctioneers.canddept.com/EstateFlow/Amelia/delete_office.html.php)

Page 1 of 1



## Delete\_office.html.php

```
1 <!-- Amelia Hamulewicz -->
2 <!-- March 2025 -->
3 <!-- Delete Office -->

1 <?php session_start(); ?>
2
3 <!-- Estate Flow - Complete Sale Page -->
4 <!DOCTYPE html>
5 <html lang="en">
6 <head>
7 <!-- Sets title -->
8 <title>EstateFlow - Complete a Sale</title>
9 <meta charset="UTF-8">
10 <!-- external style sheets -->
11 <link rel="stylesheet" href=".menu.css">
12 <link rel="stylesheet" href="office.css">
13 <link rel="icon" type="image/x-icon" href="../images/icon.png">
14 </head>
15 <body>
16 <!-- Top bar displaying the application name -->
17 <div class="topBar">EstateFlow</div>
18
19 <!-- Sidebar navigation menu -->
20 <div class="sidebar" id="mySidebar">
21 <!-- Logo that links back to the main menu -->
22 <div class="logo">
23
24 </div>
25
26 <!-- Navigation buttons -->
27 Add a New Office Property
28 Delete an Office Property
29 Amend/View an Office Property
30 Return to Menu
31 </div>
32 <div class="content">
33 <script>
34 // function to populate the form
35 function populate()
36 {
37 // Get the dropdown element
38 var sel = document.getElementById("listbox");
39 var result;
40
41 // Get the value of the selected option
42 result = sel.options[sel.selectedIndex].value;
43
44 // Split the retrieved value into individual details
45 var propertyDetails = result.split(';');
46
47 // Display the selected details on the page
48 document.getElementById("display").innerHTML = "";
49
50 // Assign values to form fields
51 document.getElementById("deleicode").value = propertyDetails[0]; // Property ID
52 document.getElementById("delo_id").value = propertyDetails[1]; // Property ID
53 document.getElementById("delowner").value = propertyDetails[2]; // Owner Name
54 document.getElementById("deltype").value = propertyDetails[3]; // Property Type
55 document.getElementById("deladdress1").value = propertyDetails[4].split(',')[0]; // Address Line 1
56 document.getElementById("deladdress2").value = propertyDetails[4].split(',')[1]; // Address Line 2
57 document.getElementById("deladdress3").value = propertyDetails[4].split(',')[2]; // Postal Codes
58 document.getElementById("delloc").value = propertyDetails[5]; // Location
59 document.getElementById("delprice").value = propertyDetails[6]; // Asking Price
60 document.getElementById("deltimes").value = propertyDetails[7]; // Viewing Times
61 document.getElementById("delstatus").value = propertyDetails[8];
62 document.getElementById("delhbid").value = propertyDetails[9]; // Highest Bid
63 document.getElementById("delist").value = propertyDetails[10]; // Date Listed
64
65 document.getElementById("delo_id").value = propertyDetails[11]; // Office ID
66 document.getElementById("delfloor").value = propertyDetails[12]; // Floor
67 document.getElementById("delarea").value = propertyDetails[13]; // Area (sqm)
68 document.getElementById("delayout").value = propertyDetails[14]; // Layout
69 document.getElementById("delinternet").value = propertyDetails[15]; // Internet
70 document.getElementById("delaccess").value = propertyDetails[16]; // Access
71 document.getElementById("deltel").value = propertyDetails[17]; // Telephone System
72 document.getElementById("delreception").value = propertyDetails[18]; // Reception Facilities
73 document.getElementById("delsec").value = propertyDetails[19]; // Security Type
74 document.getElementById("delcanteen").value = propertyDetails[20]; // Canteen
75 document.getElementById("delownership").value = propertyDetails[21]; // Ownership Type
76
77 // Check if there is a bid
78 var highestBid = parseFloat(propertyDetails[9]); // Highest bid is in the 10th index
79 if (highestBid > 0) {
80 // Display a warning message if there is a bid
81 document.getElementById("bidWarning").innerHTML = "Warning: This property has a bid associated with it. If you delete the property, all associated bids will also be deleted.";
82 } else {
83 {
84 document.getElementById("bidWarning").innerHTML = ""; // Clear the warning if no bid
85 }
86 }
87
88 // Check if there is a bid
89 var highestBid = parseFloat(propertyDetails[9]); // Highest bid is in the 10th index
90 if (highestBid > 0) {
91 // Show an alert if there is a bid
92 alert("Warning: This property has a bid associated with it. If you delete the property, all associated bids will also be deleted.");
93 }
94 }
95
96 // check if user wants to submit the sale as completed
97 function confirmCheck()
98 {
99 var response = confirm("Are you sure you want to delete the property?");
100
101 // if yes
102 if (response)
103 {
104 // Enable form fields for submission
105 document.getElementById("deleicode").disabled = false;
106 document.getElementById("deip_id").disabled = false;
107 document.getElementById("delowner").disabled = false;
108 document.getElementById("deltype").disabled = false;
109 document.getElementById("deladdress1").disabled = false;
110 document.getElementById("deladdress2").disabled = false;
111 document.getElementById("deladdress3").disabled = false;
112 document.getElementById("delloc").disabled = false;
113 document.getElementById("delprice").disabled = false;
114 document.getElementById("deltimes").disabled = false;
115 document.getElementById("delstatus").disabled = false;
116 document.getElementById("delhbid").disabled = false;
117 }
118 }
119 </script>
120 </div>
121
```



```
116 document.getElementById("delhbid").disabled = false;
117 document.getElementById("dellist").disabled = false;
118
119 document.getElementById("dele_id").disabled = false;
120 document.getElementById("delfloor").disabled = false;
121 document.getElementById("delarea").disabled = false;
122 document.getElementById("delayout").disabled = false;
123 document.getElementById("delinternet").disabled = false;
124 document.getElementById("delaccess").disabled = false;
125 document.getElementById("deltel").disabled = false;
126 document.getElementById("delreception").disabled = false;
127 document.getElementById("delsec").disabled = false;
128 document.getElementById("delanteen").disabled = false;
129 document.getElementById("delownership").disabled = false;
130
131 return true; // Submit form
132 }
133 else
134 {
135 // Restore original values without making fields editable
136 populate();
137 return false; // Cancel submission
138 }
139 }
140
141 </script>
142
143 <!-- In delete_office.html.php, add a div for bid warning -->
144 <p id="bidWarning" style="color: red;"></p>
145
146 <p id="display"></p>
147
148 <form action="delete.php" method="POST" onsubmit="return confirmCheck();">
149 <h2>Delete an Office Property</h2>
150
151 <!-- Instructions for the user -->
152 <h4>Please select an Office to mark for deletion..</h4>
153

154 <!-- Include the PHP file that generates the dropdown list -->
155 <?php include 'del_listbox.php'; ?>
156
157 <div class="formContainer">
158 <!-- Property Details -->
159 <fieldset>
160 <legend>Property Details</legend>
161 <!-- Eircode -->
162 <p>
163 <label for="deleircode">Eircode: </label>
164 <input type="text" name="deleircode" id="deleircode" readonly disabled/>
165 </p>
166
167 <!-- Property Id -->
168 <p><label for="delp_id">Property ID: </label>
169 <input type="number" name="delp_id" id="delp_id" readonly disabled/></p>
170
171 <!-- Owner -->
172 <p><label for="delowner">Owner: </label>
173 <input type="text" name="delowner" id="delowner" required disabled/></p>
174
175 <!-- Property Type -->
176 <p><label for="deltpe">Property Type: </label>
177 <input type="text" name="deltpe" id="deltpe" readonly disabled/></p>
178
179 <!-- Address -->
180 <p><label for="deladdress1">Address: </label>
181 <input type="text" name="deladdress1" id="deladdress1" required disabled/> </p>
182 <p><input type="text" name="deladdress2" id="deladdress2" required disabled/> </p>
183 <p><input type="text" name="deladdress3" id="deladdress3" required disabled/> </p>
184
185 <!-- Location -->
186 <p><label for="delloc">Location: </label>
187 <input type="text" name="delloc" id="delloc" required disabled/></p>
188
189 <!-- Price -->
190 <p><label for="delpice">Asking Price: </label>
191 <input type="number" step="0.01" name="delpice" id="delpice" required disabled/></p>
192
193 <!-- Viewing times -->
194 <p><label for="deltimes">Viewing Times: </label>
195 <input type="text" name="deltimes" id="deltimes" required disabled/></p>
196
197 <!-- Status -->
198 <p>
199 <label for="delstatus">Status: </label>
200 <select name="delstatus" id="delstatus" readonly disabled>
201 <option value="0">Sale</option>
202 <option value="1">Sale Agreed</option>
203 <option value="2">Sale Completed</option>
204 </select>
205 </p>
206
207 <!-- Highest Bid -->
208 <p><label for="delhbid">Highest Bid: </label>
209 <input type="number" step="0.01" name="delhbid" id="delhbid" readonly disabled/></p>
210
211 <!-- Date Listed -->
212 <p><label for="dellist">Date Listed: </label>
213 <input type="text" name="dellist" id="dellist" required disabled/></p>
214 </fieldset>
215
216 <!-- Office Details -->
217 <fieldset>
218 <legend>Office Details</legend>
219 <!-- Office Id -->
220 <p><label for="dele_id">Office ID: </label>
221 <input type="number" name="dele_id" id="dele_id" readonly disabled/></p>
222
223 <!-- Floor -->
224 <p><label for="delfloor">Floor: </label>
225 <input type="text" name="delfloor" id="delfloor" required disabled/></p>
226
227 <!-- area -->
228 <p><label for="delarea">Area (sqm): </label>
229 <input type="number" step="0.01" name="delarea" id="delarea" required disabled/></p>
230
231 <!-- layout -->
232 <p><label for="delayout">Layout: </label>
233 <input type="text" name="delayout" id="delayout" required disabled/></p>
234
235 <!-- internet -->
236 <p><label for="delinternet">Internet: </label>
237 <input type="text" name="delinternet" id="delinternet" required disabled/></p>
238
239 <!-- access -->
240 <p><label for="delaccess">Access: </label>
241 <input type="text" name="delaccess" id="delaccess" required disabled/></p>
242
243 <!-- Telephone System -->
244 <p><label for="deltel">Telephone System: </label>
245 <input type="text" name="deltel" id="deltel" required disabled/></p>
246
247 <!-- Reception -->
248 <p><label for="delreception">Reception Facilities: </label>
249 <input type="text" name="delreception" id="delreception" required disabled/></p>
250
251 <!-- Security -->
252 <p><label for="delsec">Type of Security: </label>
253 <input type="text" name="delsec" id="delsec" required disabled/></p>
```



```
521 <!-- Security -->
522 <p><label for="delsec">Type of Security: </label>
523 <input type="text" name="delsec" id="delsec" required disabled/></p>
524
525 <!-- Canteen -->
526 <p><label for="delcanteen">Canteen Facilities: </label>
527 <input type="text" name="delcanteen" id="delcanteen" required disabled/></p>
528
529 <!-- Ownership -->
530 <p><label for="delownership">Type of Ownership: </label>
531 <input type="text" name="delownership" id="delownership" required disabled/></p>
532 </fieldset>
533 </div>
534

535 <div class="myButton">
536 <input type="submit" value="Delete the record">
537 </div>
538</form>
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571 <?php
572 //if an ID is chosen
573 if (isset($_SESSION["eircode"]))
574 {
575 //output message
576 echo "<h1 class='myMessage'>Record deleted for Property Id: "
577 . $_SESSION["property_id"] . "</h1>";
578
579 }
580 //end session
581 session_destroy();
582
583 ?>
584 </div>
585 </body>
586 </html>
```



## Delete.php

```
1 <!-- Amelia Hamulewicz -->
2 <!-- March 2025 -->
3 <!-- Delete Office -->

1 <!-- Estate Flow - Complete Sale Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Delete an Office</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="../menu.css">
9 <link rel="stylesheet" href="office.css">
10 <link rel="icon" type="image/x-icon" href="../images/icon.png">
11 </head>
12 <body>
13
14 <!-- Fixed Top Bar displaying the page title -->
15 <div class="topBar">EstateFlow</div>
16
17 <!-- Sidebar Navigation Menu -->
18 <div class="sidebar" id="mySidebar">
19 <div class="logo">
20
21 </div>
22 Add a New Office Property
23 Delete an Office Property
24 Amend/View an Office Property
25 Return to Menu
26 </div>
27
28 <!-- Main Content Area -->
29 <div class="content">
30 <?php
31 session_start();
32
33 //establish database connection
34 include 'db.inc.php';
35
36 //mark for deletion in database table (delete flag = 1)
37 $sql = "UPDATE Office SET delete_flag = true WHERE property_id = '$_POST[delp_id]'";
38
39 //execute query and check for errors
40 if (!mysqli_query($con, $sql))
41 {
42 echo "Error " . mysqli_error($con);
43 }
44
45 $bidsql = "UPDATE Bid SET delete_flag = true WHERE property_id = '$_POST[delp_id]'";
46 //execute query and check for errors
47 if (!mysqli_query($con, $bidsql))
48 {
49 echo "Error " . mysqli_error($con);
50 }
51
52 // Combine address fields into one string
53 $addressLine1 = $_POST['deladdress1'];
54 $addressLine2 = $_POST['deladdress2'];
55 $addressLine3 = $_POST['deladdress3'];
56
57 // Combine them into one address string
58 $combinedAddress = $addressLine1 . ", " . $addressLine2 . ", " . $addressLine3;
59
--
```



```
50
57 // Combine them into one address string
58 $combinedAddress = $addressLine1 . ", " . $addressLine2 . ", " . $addressLine3;
59
60
61 // Set session variables
62 $_SESSION["office_id"] = $_POST['deلو_ايد'];
63 $_SESSION["property_id"] = $_POST['دليپ_ايد'];
64 $_SESSION["floor"] = $_POST['دلفلور'];
65 $_SESSION["area"] = $_POST['دلاريا'];
66 $_SESSION["layout"] = $_POST['دللایوت'];
67 $_SESSION["internet"] = $_POST['دلانترنت'];
68
69 $_SESSION["access"] = $_POST['دلآکسنس'];
70 $_SESSION["telephone_system"] = $_POST['دلتل'];
71 $_SESSION["reception"] = $_POST['دلریسپشن'];
72 $_SESSION["security"] = $_POST['دلسیک'];
73 $_SESSION["canteen"] = $_POST['دلكانین'];
74 $_SESSION["ownership"] = $_POST['دلومنشیپ'];
75
76 //mark for deletion in database table (delete flag = 1)
77 $sql = "UPDATE Property SET delete_flag = true WHERE property_id = '$_POST[delp_id]'";
78
79 //execute query and check for errors
80 if (!mysqli_query($con, $sql))
81 {
82 echo "Error " . mysqli_error($con);
83 }
84
85 // Set session variables
86 $_SESSION["property_id"] = $_POST['دليپ_ايد'];
87 $_SESSION["type"] = $_POST['دلنوع'];
88 $_SESSION["address"] = $combinedAddress;
89 $_SESSION["eircode"] = $_POST['دلئیرکوڈ'];
90 $_SESSION["location"] = $_POST['دللوق'];
91
92 $_SESSION["status"] = $_POST['دلحالت'];
93 $_SESSION["owner"] = $_POST['دلومنشیپ'];
94 $_SESSION["highest_bid"] = $_POST['دلہبید'];
95 $_SESSION["asking_price"] = $_POST['دلپریس'];
96 $_SESSION["viewing_times"] = $_POST['دلتایمز'];
97 $_SESSION["date_listed"] = $_POST['دللیست'];
98
99 mysqli_close($con);
100 session_destroy();
101 ?>
102
103 <div class="formContainer">
104 <!-- Redirect button -->
105 <form action="delete_office.html.php" method="post">
106 <input type="submit" value="Return to Previous Screen">
107 </form>
108 </div>
109 </div>
110 </body>
111 </html>
112
```



## Del\_listbox.php

```
1 <!-- Amelia Hamulewicz -->
2 <!-- March 2025 -->
3 <!-- Delete Office -->

1 <?php
2 // Include database connection
3 include "db.inc.php";
4
5 // Fetch Property details
6 $sqlProperty = "SELECT eircode, property_id, owner, type, address, location, asking_price,
7 viewing_times, status, highest_bid, date_listed
8 FROM Property
9 WHERE type = 'Office' AND delete_flag = 0";
10
11 $resultProperty = mysqli_query($con, $sqlProperty);
12 // if query fails
13 if (!$resultProperty)
14 {
15 die('Error querying Property table: ' . mysqli_error($con));
16 }
17
18 // Start dropdown
19 echo "
<select name='listbox' id='listbox' onchange='populate()'>";
20 echo "<option value='' disabled selected>Select a Property</option>";
21
22 // Fetch each property
23 while ($rowProperty = mysqli_fetch_assoc($resultProperty))
24 {
25 $propertyId = $rowProperty['property_id'];
26
27 // Fetch Office details
28 $sqlOffice = "SELECT office_id, floor, area, layout, internet, access,
29 telephone_system, reception, security, canteen, ownership
30 FROM Office WHERE property_id = '$propertyId'";
31
32 $resultOffice = mysqli_query($con, $sqlOffice);
33 $rowOffice = mysqli_fetch_assoc($resultOffice) ?: array_fill_keys([
34 'office_id', 'floor', 'area', 'layout', 'internet', 'access',
35 'telephone_system', 'reception', 'security', 'canteen', 'ownership'
36], ""); // Fill missing office data with empty values
37
38
39 // Ensure date_listed is properly formatted (DD/MM/YYYY)
40 $dateListed = !empty($rowProperty['date_listed']) ? date("d/m/Y", strtotime($rowProperty['date_listed'])) : "N/A";
41 // Merge property and office data (include formatted date_listed)
42 $rowProperty['date_listed'] = $dateListed;
43 // Merge property and office data in the correct order
44 $optionValue = implode(';', array_merge($rowProperty, $rowOffice));
45
46 $eircode = $rowProperty['eircode'];
47
48 echo "<option value='$optionValue'>$eircode ({$rowProperty['address']})</option>";
49 }
50
51 // Close dropdown and connection
52 echo "</select>";
53 mysqli_close($con);
54 ?>
```



## Complete a Sale

EstateFlow - Complete a Sale

25/03/2025, 00:31

↗

[Agree a Sale](#)

[Complete a Sale](#)

[Return to Menu](#)

### EstateFlow

## Complete a Sale

Below is a list of properties with active sale agreements.  
Please select a property to complete a sale...

Select a Property ▼

**Property Details**

Owner:

Property Id:

Property Type:

Address:

    Address Line 1:

    Street Name:

    Town/City:

Eircode:

Location:

Asking Price:

Viewing Times:

Status:

Highest Bid:

Date Listed:

[Continue...](#)

[https://c2p-auctioneers.canddept.com/EstateFlow/Amelia/complete\\_sale.html.php](https://c2p-auctioneers.canddept.com/EstateFlow/Amelia/complete_sale.html.php)

Page 1 of 2



## Complete\_sale.html.php

```
1 <!-- Amelia Hamulewicz -->
2 <!-- March 2025 -->
3 <!-- Complete a Sale-->

1 <!-- Estate Flow - Complete Sale Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Complete a Sale</title>
7 <meta charset="UTF-8">
8 <!-- external style sheets -->
9 <link rel="stylesheet" href="../menu.css">
10 <link rel="stylesheet" href="office.css">
11 <link rel="icon" type="image/x-icon" href="../images/icon.png">
12
13 <style>
14 .hidden {
15 display: none !important;
16 }
17
18 .completeForm {
19 width: 800px; /* or any width you prefer */
20 max-width: 90%; /* prevent it from overflowing on smaller screens */
21 margin: 0 auto; /* center it horizontally */
22 padding: 20px;
23 box-sizing: border-box;
24 }
25
26 </style>
27 </head>
28 <body>
29
30 <!-- Fixed Top Bar displaying the page title -->
31 <div class="topBar">EstateFlow</div>
32
33 <!-- Sidebar Navigation Menu -->
34 <div class="sidebar" id="mySidebar">
35 <!-- Logo Section inside Sidebar -->
36 <div class="logo">
37
38 </div>
39 <!-- Navigation Links -->
40 Agree a Sale
41 Complete a Sale
42 Return to Menu
43 </div>
44
45 <!-- Main Content Area -->
46 <div class="content">
47 <script>
48 /**
49 * Function to populate the form fields with selected Property's details.
50 * This function is triggered when an item is selected from the dropdown list.
51 */
52
53 function populate()
54 {
55 var sel = document.getElementById("listbox");
56 var result = sel.options[sel.selectedIndex].value;
57 var propertyDetails = result.split(';');
58
59 document.getElementById("display").innerHTML = "";
60
61 document.getElementById("eircode").value = propertyDetails[0];
62 document.getElementById("id").value = propertyDetails[1];
63 document.getElementById("owner").value = propertyDetails[2];
64 document.getElementById("type").value = propertyDetails[3];
65
66 document.getElementById("address1").value = propertyDetails[4].split(',')[0];
67 document.getElementById("address2").value = propertyDetails[4].split(',')[1];
68 document.getElementById("address3").value = propertyDetails[4].split(',')[2];
69 document.getElementById("location").value = propertyDetails[5];
70 document.getElementById("asking_price").value = propertyDetails[6];
71 document.getElementById("viewing_times").value = propertyDetails[7];
72 document.getElementById("status").value = propertyDetails[8];
73 document.getElementById("highest_bid").value = propertyDetails[9];
74 document.getElementById("date_listed").value = propertyDetails[10];
75 }

```



```
 // declare variable "type" and convert type to lower case
 const type = propertyDetails[3].toLowerCase();

 // check if type matches residential/office/land
 if (type === "residential")
 {
 // unhide the residential field
 document.querySelector('.residential-field').hidden = false;
 document.querySelector('.land-field').hidden = true;
 document.querySelector('.office-field').hidden = true;
 document.querySelector('.completeForm').hidden = true;

 document.getElementById("residential_id").value = propertyDetails[11];
 document.getElementById("levels").value = propertyDetails[12];
 document.getElementById("res_reception").value = propertyDetails[13];
 document.getElementById("bedrooms").value = propertyDetails[14];
 document.getElementById("bathrooms").value = propertyDetails[15];
 document.getElementById("res_area").value = propertyDetails[16];
 document.getElementById("heating").value = propertyDetails[17];
 document.getElementById("res_notes").value = propertyDetails[18];
 document.getElementById("amenities").value = propertyDetails[19];

 document.getElementById("buyer_id").value = propertyDetails[20];
 document.getElementById("price_paid").value = propertyDetails[9];
 } else if (type === "office")
 {
 // unhide the office field
 document.querySelector('.office-field').hidden = false;
 document.querySelector('.land-field').hidden = true;
 document.querySelector('.residential-field').hidden = true;
 document.querySelector('.completeForm').hidden = true;

 document.getElementById("office_id").value = propertyDetails[11];
 document.getElementById("floor").value = propertyDetails[12];
 document.getElementById("off_area").value = propertyDetails[13];
 document.getElementById("layout").value = propertyDetails[14];
 document.getElementById("internet").value = propertyDetails[15];
 document.getElementById("access").value = propertyDetails[16];
 document.getElementById("telephone_system").value = propertyDetails[17];
 document.getElementById("off_reception").value = propertyDetails[18];
 document.getElementById("security").value = propertyDetails[19];
 document.getElementById("canteen").value = propertyDetails[20];
 document.getElementById("ownership").value = propertyDetails[21];

 document.getElementById("buyer_id").value = propertyDetails[22];
 document.getElementById("price_paid").value = propertyDetails[9];
 } else if (type === "land")
 {
 // unhide the land field
 document.querySelector('.land-field').hidden = false;
 document.querySelector('.residential-field').hidden = true;
 document.querySelector('.office-field').hidden = true;
 document.querySelector('.completeForm').hidden = true;
 document.getElementById("land_id").value = propertyDetails[11];
 document.getElementById("acres").value = propertyDetails[12];
 document.getElementById("buildings").value = propertyDetails[13];
 document.getElementById("residence_details").value = propertyDetails[14];
 document.getElementById("quotas").value = propertyDetails[15];
 document.getElementById("land_notes").value = propertyDetails[16];

 document.getElementById("buyer_id").value = propertyDetails[17];
 document.getElementById("price_paid").value = propertyDetails[9];
 }

 // unhide the field which allows you to continue and submit the form to the database
 function toggle()
 {
 document.querySelector('.completeForm').hidden = false;
 }

 function toggleLock()
 {
```



```
148
149 function toggleLock()
150 {
151 // Enable form fields for submission
152 document.getElementById("id").disabled = false; // Property ID
153 document.getElementById("owner").disabled = false; // Owner Name
154 document.getElementById("type").disabled = false; // Property Type
155 document.getElementById("address1").disabled = false; // Address
156 document.getElementById("address2").disabled = false; // Address
157 document.getElementById("address3").disabled = false; // Address
158 document.getElementById("location").disabled = false; // Location
159 document.getElementById("price").disabled = false; // Asking Price
160 document.getElementById("times").disabled = false; // Viewing Times
161 document.getElementById("status").disabled = true; // Status
162 document.getElementById("highest_bid").disabled = false; // Highest Bid
163 document.getElementById("date_listed").disabled = false; // Date Listed
164 }
165
166 /**
167 * Function to confirm the user's intent to save changes.
168 * This function is triggered when the form is submitted.
169 * Returns true if the user confirms, otherwise prevents form submission.
170 */
171 function confirmCheck()
172 {
173 var response;
174 response = confirm('Are you sure you want to save these changes?');
175
176 if (response)
177 {
178 // Enable all fields before submitting (so they are included in POST data)
179 document.getElementById("id").disabled = false; // Property ID
180 document.getElementById("owner").disabled = false; // Owner Name
181 document.getElementById("type").disabled = false; // Property Type
182 document.getElementById("address1").disabled = false; // Address
183 document.getElementById("address2").disabled = false; // Address
184 document.getElementById("address3").disabled = false; // Address
185 document.getElementById("location").disabled = false; // Location
186 document.getElementById("price").disabled = false; // Asking Price
187 document.getElementById("times").disabled = false; // Viewing Times
188 document.getElementById("status").disabled = false; // Status
189 document.getElementById("highest_bid").disabled = false; // Highest Bid
190 document.getElementById("date_listed").disabled = false; // Date Listed
191
192 return true; // Proceed with form submission
193 }
194 else
195 {
196 // If the user cancels, repopulate the fields and re-lock them
197 populate();
198 toggleLock();
199 return false; // Prevent form submission
200 }
201 }
202
203 </script>
204
205 <!-- Paragraph to display selected person's details -->
206 <p id="display"></p>
207 <!-- Form for submitting the updated details -->
208 <!-- Form for submitting the updated details -->
209 <form name="myForm" action="completesale.php" onsubmit="return confirmCheck()" method="post">
210 <h2>Complete a Sale</h2>
211
212 <!-- Instructions for the user -->
213 <h4>Below is a list of properties with active sale agreements.

214 Please select a property to complete a sale...</h4>
215

216 <!-- Include the PHP file that generates the dropdown list -->
217 <?php include 'salelistbox.php'; ?>
218

219
220

221 <div class="formContainer">
222 <!-- Property Details -->
223 <fieldset>
224 <legend>Property Details</legend>
```



```

220

221 <div class="formContainer">
222 <!-- Property Details -->
223 <fieldset>
224 <legend>Property Details</legend>
225
226 <!-- Owner -->
227 <p>
228 <label for="owner">Owner: </label>
229 <input type="text" name="owner" id="owner" value="" readonly>
230 </p>
231
232 <!-- Property Id -->
233 <p><label for="id">Property Id: </label>
234 <input type="number" name="id" id="id" value="" readonly/></p>
235
236 <!-- Property Type -->
237 <p><label for="type">Property Type: </label>
238 <input type="text" name="type" id="type" value="" readonly disabled/></p>
239
240 <!-- Address -->
241 <p><label for="address">Address: </label>
242 <input type="text" name="address1" id="address1" placeholder="Address Line 1" required disabled/>

243 <input type="text" name="address2" id="address2" placeholder="Street Name" required disabled/>

244 <input type="text" name="address3" id="address3" placeholder="Town/City" required disabled/></p>
245
246 <!-- Hidden input to hold combined address -->
247 <input type="hidden" name="address" id="combined_address">
248
249 <!-- Eircode -->
250 <p>
251 <label for="eircode">Eircode: </label>
252 <input type="text" name="eircode" id="eircode" placeholder="R93 WR00"
253 pattern="^A-Za-z\d{2}\s[A-Za-z0-9]{4}$"
254 title="Eircode must be in the format A12 B3CD (e.g., R93 WR00)"
255 required disabled/>
256 </p>
257
258 <!-- Location -->
259 <p><label for="location">Location: </label>
260 <input type="text" name="location" id="location" placeholder="County" required disabled/></p>
261
262 <!-- Asking Price -->
263 <p><label for="asking_price">Asking Price: </label>
264 <input type="number" step="0.01" name="asking_price" id="asking_price" placeholder="€10000" required disabled/></p>
265
266 <!-- Viewing Times -->
267 <p><label for="viewing_times">Viewing Times: </label>
268 <input type="text" name="viewing_times" id="viewing_times" placeholder="10:00 - 19:00" required disabled/></p>
269
270 <!-- Status -->
271 <p>
272 <label for="status">Status: </label>
273 <select name="status" id="status" readonly disabled>
274 <option value="0">Sale</option>
275 <option value="1">Sale Agreed</option>
276 <option value="2">Sale Complete</option>
277 </select>
278 </p>
279
280 <!-- Highest Bid -->
281 <p><label for="highest_bid">Highest Bid: </label>
282 <input type="number" step="0.01" name="highest_bid" id="highest_bid" value="0" readonly disabled/></p>
283
284 <!-- Date Listed -->
285 <p><label for="date_listed">Date Listed </label>
286 <input type="text" name="date_listed" id="date_listed" readonly disabled/></p>
287
288 </fieldset>
289
290
291 <!-- Residential Fields -->
292 <div class="residential-field" hidden>
293 <fieldset>
294 <legend>Residential Details</legend>
295
296 <!-- Residential ID -->
297 <p><label for="residential_id">Residential ID: </label>
298 <input type="number" name="residential_id" id="residential_id" readonly /></p>
299
300 <!-- Levels -->
301 <p><label for="levels">Levels: </label>
302 <input type="number" name="levels" id="levels" readonly /></p>
303
304 <!-- Reception -->
305 <p><label for="res_reception">Reception: </label>
306 <input type="text" name="res_reception" id="res_reception" readonly /> </p>
307
308 </div>
```



```
305 <!-- Reception -->
306 <p><label for="res_reception">Reception: </label>
307 <input type="text" name="res_reception" id="res_reception" readonly /> </p>
308
309 <!-- Bedrooms -->
310 <p><label for="bedrooms">Bedrooms: </label>
311 <input type="number" name="bedrooms" id="bedrooms" readonly /></p>
312
313 <!-- Bathrooms -->
314 <p><label for="bathrooms">Bathrooms: </label>
315 <input type="number" name="bathrooms" id="bathrooms" readonly /></p>
316
317 <!-- Area -->
318 <p><label for="res_area">Area (sqm): </label>
319 <input type="number" name="res_area" id="res_area" readonly /></p>
320
321 <!-- Heating -->
322 <p><label for="heating">Heating: </label>
323 <input type="text" name="heating" id="heating" readonly /></p>
324
325 <!-- Notes -->
326 <p><label for="res_notes">Notes: </label>
327 <textarea name="res_notes" id="res_notes" readonly></textarea></p>
328
329 <!-- Amenities -->
330 <p><label for="amenities">Amenities: </label>
331 <textarea name="amenities" id="amenities" readonly></textarea></p>
332 </fieldset>
333 </div>
334
335 <!-- Office Details -->
336 <div class="office-field" hidden>
337 <fieldset>
338 <legend>Office Details</legend>
339 <!-- Office Id -->
340 <p><label for="office_id">Office ID: </label>
341 <input type="number" name="office_id" id="office_id" readonly /></p>
342
343 <!-- Floor Number -->
344 <p><label for="floor">Floor Number: </label>
345 <input type="number" name="floor" id="floor" readonly /></p>
346
347 <!-- Office Area -->
348 <p><label for="off_area">Office Area (sqm): </label>
349 <input type="number" name="off_area" id="off_area" readonly /></p>
350
351 <!-- Layout -->
352 <p><label for="layout">Layout: </label>
353 <input type="text" name="layout" id="layout" readonly /></p>
354
355 <!-- Internet -->
356 <p><label for="internet">Internet Available: </label>
357 <input type="text" name="internet" id="internet" readonly /></p>
358
359 <!-- Access -->
360 <p><label for="access">Access: </label>
361 <input type="text" name="access" id="access" readonly /></p>
362
363 <!-- Telephone System -->
364 <p><label for="telephone_system">Telephone System: </label>
365 <input type="text" name="telephone_system" id="telephone_system" readonly /></p>
366
367 <!-- Reception -->
368 <p><label for="off_reception">Reception: </label>
369 <input type="text" name="off_reception" id="off_reception" readonly /></p>
370
371 <!-- Security -->
372 <p><label for="security">Security Type: </label>
373 <input type="text" name="security" id="security" readonly /></p>
374
375 <!-- Canteen -->
376 <p><label for="canteen">Canteen: </label>
377 <input type="text" name="canteen" id="canteen" readonly /></p>
378
379 <!-- Ownership Type -->
380 <p><label for="ownership">Ownership Type: </label>
381 <input type="text" name="ownership" id="ownership" readonly /></p>
382 </fieldset>
383 </div>
384
385 <!-- Land Details -->
386 <div class="land-field" hidden>
387 <fieldset>
388 <legend>Land Details</legend>
389 <!-- Land ID -->
390 <p><label for="land_id">Land ID: </label>
391 <input type="number" name="land_id" id="land_id" readonly /></p>
392
393 ---
```



```
384
385 <!-- Land Details -->
386 <div class="land-field" hidden>
387 <fieldset>
388 <legend>Land Details</legend>
389 <!-- Land ID -->
390 <p><label for="land_id">Land ID: </label>
391 <input type="number" name="land_id" id="land_id" readonly /></p>
392
393 <!-- Acres -->
394 <p><label for="acres">Acres: </label>
395 <input type="number" name="acres" id="acres" readonly /></p>
396
397 <!-- Buildings -->
398 <p><label for="buildings">Buildings: </label>
399 <input type="text" name="buildings" id="buildings" readonly /></p>
400
401 <!-- Residential Details -->
402 <p><label for="residence_details">Residence Details: </label>
403 <input type="text" name="residence_details" id="residence_details" readonly /></p>
404
405 <!-- Quotas -->
406 <p><label for="quotas">Quotas: </label>
407 <input type="text" name="quotas" id="quotas" readonly /></p>
408
409 <!-- Notes -->
410 <p><label for="land_notes">Notes: </label>
411 <textarea name="land_notes" id="land_notes" readonly></textarea></p>
412 </fieldset>
413 </div>
414
415 </div>
416

417 <!-- button to continue after reviewing property details -->
418 <div class="myButton">
419 <input type="button" class='filter-button' id="allButton" value="Continue..."
420 onclick="toggle()" title="Click here to complete the sale">
421 </div>
422

423 <!-- Additional details to submit for completing a sale -->
424 <div class="completeForm" hidden>
425 <fieldset>
426 <legend>Property Details for Completing a Sale</legend>
427
428 <!-- Buyer Id -->
429 <p><label for="buyer_id">Buyer Id: </label>
430 <input type="number" name="buyer_id" id="buyer_id" value="" readonly/></p>
431
432 <!-- Completion Date -->
433 <p>
434 <label for="completion_date">Completion Date: </label>
435 <input type="date" name="completion_date" id="completion_date" value="">
436 </p>
437
438 <!-- Price Paid -->
439 <p><label for="price_paid">Price Paid: </label>
440 <input type="number" name="price_paid" id="price_paid" value="" readonly /></p>
441 </fieldset>
442 </div>
443 <div class="myButton">
444 <input type="submit" value="Confirm Property..."/>
445 </div>
446 </form>
447 </div>
448
449 </body>
450 </html>
```



## Completesale.php

```
1 <!-- Amelia Hamulewicz -->
2 <!-- March 2025 -->
3 <!-- Complete a Sale-->

1 <!-- Estate Flow - Complete Sale Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Complete a Sale</title>
7 <meta charset="UTF-8">
8 <!-- external style sheets -->
9 <link rel="stylesheet" href=".\\menu.css">
10 <link rel="stylesheet" href="office.css">
11 <link rel="icon" type="image/x-icon" href="..\\images/icon.png">
12 </head>
13 <body>
14
15 <!-- Fixed Top Bar displaying the page title -->
16 <div class="topBar">EstateFlow</div>
17
18 <!-- Sidebar Navigation Menu -->
19 <div class="sidebar" id="mySidebar">
20 <!-- Logo Section inside Sidebar -->
21 <div class="logo">
22
23 </div>
24 <!-- Navigation Links -->
25 Agree a Sale
26 Complete a Sale
27 Return to Menu
28 </div>
29
30 <!-- Main Content Area -->
31 <div class="content">
32 <?php
33 // Include database connection file
34 include 'db.inc.php';
35
36 // Set the default timezone to Coordinated Universal Time (UTC)
37 date_default_timezone_set("UTC");
38
39
40 $sql = "UPDATE Property SET
41 status = '2',
42 buyer_id = '{$_POST['buyer_id']}',
43 price_paid = '{$_POST['price_paid']}',
44 completion_date = '{$_POST['completion_date']}'
45 WHERE property_id = '{$_POST['id']}'";
46
47 // Execute the query and check for errors
48 if (!mysqli_query($con, $sql)) {
49 die("An Error in the SQL Query: " . mysqli_error($con)); // Output error message if query fails
50 }
51
52 // Close the database connection
53 mysqli_close($con);
54 ?>
55
56 <div class="formContainer">
57 <!-- Form to return to the insert page -->
58 <form action="complete_sale.html.php" method="POST">
59

60 <input type="submit" value="Return to Insert Page"/>
61 </form>
62 </div>
63 </div>
64 </body>
65 </html>
```



## Saleslistbox.php

```
1 <!-- Amelia Hamulewicz -->
2 <!-- March 2025 -->
3 <!-- Complete a Sale-->

4
5 $sqlProperty = "SELECT eircode, property_id, owner, type, address, location, asking_price,
6 viewing_times, status, highest_bid, date_listed
7 FROM Property
8 WHERE status = '1' AND delete_flag = 0 AND highest_bid >0";
9
10 $resultProperty = mysqli_query($con, $sqlProperty);
11 if (!$resultProperty) {
12 die('Error querying Property table: ' . mysqli_error($con));
13 }
14
15 // Start dropdown
16 echo "
<select name='listbox' id='listbox' onchange='populate()'>";
17 echo "<option value='' disabled selected>Select a Property</option>";
18
19 // Fetch each property
20 while ($rowProperty = mysqli_fetch_assoc($resultProperty))
21 {
22 $propertyId = $rowProperty['property_id'];
23
24 // Get highest bid + client who made it
25 $sqlBid = "SELECT client_id, amount AS highest_bid
26 FROM Bid
27 WHERE property_id = '$propertyId'
28 ORDER BY amount DESC
29 LIMIT 1";
30
31 $resultBid = mysqli_query($con, $sqlBid);
32 $rowBid = mysqli_fetch_assoc($resultBid);
33
34 $highestBid = $rowBid['highest_bid'] ?? "0"; // fallback if no bids
35 $rowBuyer = $rowBid ?? ['client_id' => '', 'highest_bid' => '0']; // default structure
36
37 // Update Property table with latest highest bid
38 $sqlUpdate = "UPDATE Property SET highest_bid = '$highestBid' WHERE property_id = '$propertyId'";
39 mysqli_query($con, $sqlUpdate);
40
41 // Format date
42 $dateListed = !empty($rowProperty['date_listed'])
43 ? date("d/m/Y", strtotime($rowProperty['date_listed']))
44 : "N/A";
45 $rowProperty['date_listed'] = $dateListed;
46
47 // Fetch property-type specific details
48 $propertyType = strtolower($rowProperty['type']);
49 $typeFields = [];
50 $rowType = [];
51
52 if ($propertyType == "office") {
53 $typeFields = ['office_id', 'floor', 'area', 'layout', 'internet', 'access',
54 'telephone_system', 'reception', 'security', 'canteen', 'ownership'];
55 $sqlType = "SELECT " . implode(',', $typeFields) . " FROM Office WHERE property_id = '$propertyId'";
56 } elseif ($propertyType == "land") {
57 $typeFields = ['land_id', 'acres', 'buildings', 'residence_details', 'quotas', 'notes'];
58 $sqlType = "SELECT " . implode(',', $typeFields) . " FROM Land WHERE property_id = '$propertyId'";
59 } else {
60 $typeFields = ['residential_id', 'levels', 'reception', 'bedrooms', 'bathrooms', 'area', 'heating',
61 'notes', 'amenities'];
62 $sqlType = "SELECT " . implode(',', $typeFields) . " FROM Residential WHERE property_id = '$propertyId'";
63 }
64
65 $resultType = mysqli_query($con, $sqlType);
66 $rowType = mysqli_fetch_assoc($resultType) ?? array_fill_keys($typeFields, "");
67
68 // Merge all data for <option> value
69 $mergedData = array_merge($rowProperty, ['highest_bid' => $highestBid], $rowType, $rowBuyer);
70 $optionValue = htmlspecialchars(implode(';', $mergedData), ENT_QUOTES);
71
72 $eircode = htmlspecialchars($rowProperty['eircode']);
73 $address = htmlspecialchars($rowProperty['address']);
74
75 echo "<option value='$optionValue'>$eircode ($address)</option>";
76 }
77
78 // Close dropdown and connection
79 echo "</select>";
80 mysqli_close($con);
81 ?>
82
```



## Office.css

```
1 /* General styles for the body */
2 content {
3 font-family: Arial, sans-serif;
4 background-color: #f2f2f2;
5 display: flex;
6 justify-content: center; /* Centers the form horizontally */
7 align-items: flex-start; /* Aligns items at the start of the vertical axis */
8 min-height: 100vh; /* Ensures the body takes full viewport height */
9 margin: 0; /* Resets the default margin */
10 padding: 20px; /* Adds padding to create space around the form */
11 }
12
13 /* Banner Heading Style */
14 h2 {
15 text-align: center;
16 color: white;
17 font-size: 32px;
18 margin: 0 auto; /* Center it */
19 padding: 20px; /* Adjust padding for better visibility */
20 background-color: #05c98b; /* Same green color for a banner effect */
21 display: block; /* Ensure it's treated as a block */
22 width: 100%; /* Full width */
23 font-weight: bold;
24 box-shadow: 0px 4px 6px rgba(0, 0, 0, 0.2); /* Adds slight depth */
25 }
26
27
28 /* Heading style */
29 h4 {
30 text-align: center;
31 color: #6b6b6b;
32 font-size: 20px;
33 font-weight: 500; /* Normal weight, lighter than default bold */
34 margin-bottom: 20px; /* Space below the heading */
35 }
36
37
38 /* Button styling for Amend/View */
39 #amendViewbutton {
40 width: 350px;
41 background-color: #05c98b;
42 margin: 0 auto; /* Centers the button */
43 display: block; /* Ensures auto margins work */
44 color: white;
45 padding: 10px;
46 margin-top: 15px;
47 border: none;
48 border-radius: 5px;
49 cursor: pointer;
50 padding: 10px;
51 margin-bottom: 20px; /* Space below */
52 font-size: 16px;
53 }
54 #listbox {
55 display: block; /* Allows margin auto to work */
56 width: 50%; /* Adjust as needed */
57 max-width: 400px; /* Optional: Limits size */
58 margin: 0 auto; /* Centers horizontally */
59 padding: 8px;
60 border-radius: 5px;
61 font-size: 16px;
62 margin-bottom: 20px; /* Space below */
63 }
```



```
 54 font-size: 16px;
 55 margin-bottom: 20px; /* Space below */
 56 }
 57
 58 /* Add office- listbox style */
 59 #ownerSelect {
 60 display: block; /* Allows margin auto to work */
 61 width: 50%; /* Adjust as needed */
 62 max-width: 400px; /* Optional: Limits size */
 63 margin: 0 auto; /* Centers horizontally */
 64 padding: 8px;
 65 border-radius: 5px;
 66 font-size: 16px;
 67 margin-bottom: 20px; /* Space below */
 68 }
 69
 70 /* filter buttons for ammend view */
 71 .button-container {
 72 text-align: center;
 73 margin-bottom: 15px;
 74 }
 75
 76 .filter-button {
 77 background-color: #007BFF;
 78 color: white;
 79 border: none;
 80 padding: 10px 20px;
 81 margin: 5px;
 82 cursor: pointer;
 83 font-size: 16px;
 84 border-radius: 5px;
 85 width: 120px;
 86 }
 87 .filter-button:hover {
 88 background-color: #05c98b;
 89 color: white;
 90 }
 91 .filter-button:disabled {
 92 background-color: #05c98b;
 93 color: white;
 94 }
 95
 96 #filterForm {
 97 display: none;
 98 }
 99
100 #filterChoice {
101 display: none;
102 }
103
104
105
106
107
108
109 /* Center the select dropdown */
110 .selectContainer {
111 display: flex;
112 justify-content: center;
113 width: 100%;
114 }
115
116 /* Ensure select element is properly styled */
117 .selectContainer select {
118 width: 350px; /* Keep the width as you had it */
119 padding: 8px;
120 border: 1px solid #ccc;
121 border-radius: 5px;
122 }
123
124
125
126 select{
127 width: 350px;
128 margin: 0 auto; /* Centers the form */
129 padding: 8px;
130 margin-top: 5px;
```



```
126 select{
127 width: 350px;
128 margin: 0 auto; /* Centers the form */
129 padding: 8px;
130 margin-top: 5px;
131 border: 1px solid #ccc;
132 border-radius: 5px;
133 }
134 /* Form styling */
135 form {
136 justify-content: center;
137 background-color: #fff;
138 border-radius: 10px;
139 padding: 30px;
140 box-shadow: 0 4px 15px rgba(0, 0, 0, 0.2);
141 width: 1000px; /* Fixed width for the form */
142 }
143 .formContainer {
144 display: flex;
145 justify-content: space-evenly;
146 }
147 input:read-only{
148 background-color: #d3d3d3;
149 color: #333;
150 border: 1px solid #cecece;
151 }
152 }
153
154 /* Fieldset styling */
155 fieldset {
156 border: 2px solid #05c98b;
157 border-radius: 5px;
158 padding: 15px;
159 margin-bottom: 15px; /* Space below each fieldset */
160 }
161
162 /* Legend styling */
163 legend {
164 font-weight: bold;
165 color: #05c98b;
166 }
167
168 /* Input box styling */
169 .inputbox,
170 .radiobox,
171 .checkbox1 {
172 margin-bottom: 15px; /* Space below input sections */
173 }
174
175 label {
176 font-weight: bold;
177 color: #555; /* Color for the labels */
178 }
179
180 input[type="text"],
181 input[type="number"],
182 input[type="checkbox"],
183 input[type="date"],
184 select
185 {
186 width: 100%; /* Full width for input fields */
187 padding: 10px; /* Padding inside input fields */
188 margin-top: 5px; /* Space above input fields */
189 border: 1px solid #858585;
190 border-radius: 5px; /* Rounded corners for inputs */
191 box-sizing: border-box; /* Includes padding and border in element's total width */
192 }
193
194 input[type="radio"],
195 input[type="checkbox"] {
196 margin-right: 5px; /* Space away from buttons */
197 }
198
```



```
194 input[type="radio"],
195 input[type="checkbox"] {
196 margin-right: 5px; /* Space away from buttons */
197 }
198
199 /* Button styling */
200 .myButton {
201 text-align: center; /* Center buttons inside the div */
202 }
203
204 input[type="submit"],
205 input[type="reset"] {
206 background-color: #05c98b; /* Button color */
207 color: white; /* Text color for buttons */
208 padding: 10px 20px; /* Padding inside buttons */
209 margin: 5px; /* Space between buttons */
210 border: none; /* Removes border */
211 border-radius: 5px; /* Rounded corners for buttons */
212 cursor: pointer; /* Changes cursor to pointer */
213 }
214
215 input[type="submit"]:hover,
216 input[type="reset"]:hover {
217 background-color: #05c98b; /* Darker shade for hover */
218 }
```



## Deal with Sales Menu HTML

```
1 <!-- Estate Flow - Deal with Sales page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Deal with Sales</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10 </head>
11 <body>
12
13 <!-- Fixed Top Bar displaying the page title -->
14 <div class="topBar">EstateFlow</div>
15
16 <!-- Sidebar Navigation Menu -->
17 <div class="sidebar">
18 <!-- Logo Section inside Sidebar -->
19 <div class="logo">
20
21 </div>
22 <!-- Navigation Links -->
23 Agree a Sale
24 Complete a Sale
25 Return to Menu
26 </div>
27
28 <!-- Main Content Area -->
29 <div class="content">
30 <h2>Deal with Sales</h2>
31 </div>
32
33 </body>
34 </html>
```



## Office Maintenance Menu HTML

```
1 <!-- Estate Flow - Property Maintenance Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Property Maintenance</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10 </head>
11 <body>
12
13 <!-- Fixed Top Bar displaying the page title -->
14 <div class="topBar">EstateFlow</div>
15
16 <!-- Sidebar Navigation Menu -->
17 <div class="sidebar">
18 <!-- Logo Section inside Sidebar -->
19 <div class="logo">
20
21 </div>
22 <!-- Navigation Links -->
23 Add a New Office Property
24
25 Delete an Office
26 Property
27 Amend/View an
28 Office Property
29 Return to Menu
30 </div>
31
32 <!-- Main Content Area -->
33 <div class="content">
34 <h2>Office Property Maintenance</h2>
35 </div>
36
37 </body>
38 </html>
```



# Mark Lambert

## Land Maintenance Menu HTML

```
1 <!-- Estate Flow - Property Maintenance Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Property Maintenance</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10 </head>
11 <body>
12
13 <!-- Fixed Top Bar displaying the page title -->
14 <div class="topBar">EstateFlow</div>
15
16 <!-- Sidebar Navigation Menu -->
17 <div class="sidebar">
18 <!-- Logo Section inside Sidebar -->
19 <div class="logo">
20
21 </div>
22 <!-- Navigation Links -->
23 Add a New Land Property
24 Delete a Land Property
25 Amend/View a Land Property
26
27 Return to Menu
28 </div>
29
30 <!-- Main Content Area -->
31 <div class="content">
32 <h2>Land Property Maintenance</h2>
33 </div>
34
35 </body>
</html>
```



## Property Maintenance Menu HTML

```
1 <!-- Estate Flow - Property Maintenance Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Property Maintenance</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10 </head>
11 <body>
12
13 <!-- Fixed Top Bar displaying the page title -->
14 <div class="topBar">EstateFlow</div>
15
16 <!-- Sidebar Navigation Menu -->
17 <div class="sidebar">
18 <!-- Logo Section inside Sidebar -->
19 <div class="logo">
20
21 </div>
22 <!-- Navigation Links -->
23 Residential Property
24 Maintenance
25 Land Property Maintenance
26 Office Property Maintenance
27
28 Return to Menu
29 </div>
30
31 <!-- Main Content Area -->
32 <div class="content">
33 <h2>Property Maintenance</h2>
34 </div>
35 </body>
36 </html>
```



## Reports Maintenance Menu HTML

```
1 <!-- Estate Flow - Reports Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Reports Menu</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10 </head>
11 <body>
12
13 <!-- Fixed Top Bar displaying the page title -->
14 <div class="topBar">EstateFlow</div>
15
16 <!-- Sidebar Navigation Menu -->
17 <div class="sidebar">
18 <!-- Logo Section inside Sidebar -->
19 <div class="logo">
20
21 </div>
22 <!-- Navigation Links -->
23 Residential
24 Property Report
25 Land Property Report
26 Office Property
27 Report
28 Bid Report
29 Client Report
30 Individual
31 Client Report
32 Sales Report
33 Exit
34 </div>
35
36 <!-- Main Content Area -->
37 <div class="content">
38 <h2>Reports Menu</h2>
39 </div>
40
41 </body>
42 </html>
```



## Residential Maintenance Menu HTML

```
1 <!-- Estate Flow - Property Maintenance Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Property Maintenance</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10 </head>
11 <body>
12
13 <!-- Fixed Top Bar displaying the page title -->
14 <div class="topBar">EstateFlow</div>
15
16 <!-- Sidebar Navigation Menu -->
17 <div class="sidebar">
18 <!-- Logo Section inside Sidebar -->
19 <div class="logo">
20
21 </div>
22 <!-- Navigation Links -->
23 Add a New Residential
24 Property
25 Delete a Residential
26 Property
27 Amend/View a
28 Residential Property
29 Return to Menu
30 </div>
31
32 <!-- Main Content Area -->
33 <div class="content">
34 <h2>Residential Property Maintenance</h2>
35 </div>
36
37 </body>
38 </html>
```



## Add a New Land Property

### HTML Screenshot

EstateFlow

The screenshot shows a web-based application for managing property listings. On the left, a sidebar menu includes 'Add a New Land Property' (selected), 'Delete a Land Property', 'Amend/View a Land Property', and 'Exit'. The main content area has a green header bar with the title 'Add a New Land Property'. Below this is a section titled 'Select a Property Owner' with a dropdown menu labeled 'Select a Client'. The form is divided into two main sections: 'Property Details' on the left and 'Land-Specific Details' on the right.

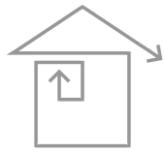
**Property Details**

- Property Type:** Land
- Eircode:** \* Y21 234
- Location:** \* Carlow
- Status:** For Sale
- Owner:** (empty input field)
- Asking Price:** \* €400000
- Viewing Times:** \* Weekends 12pm - 5pm

**Land-Specific Details**

- Address:** \*  
Line 1 (Required)  
Line 2 (Optional)  
Line 3 (Optional)
- Acres:** \* 2500
- Buildings:** \* Two large buildings, one shed
- Residence Details:** \* 4 bedroom period residence in need of repair
- Quotas:** \* 50000
- Notes:** Exceptional condition, beautiful view, next to local village

At the bottom right are two buttons: 'Add Land' and 'Reset'.



## land\_maintenance.html.php

```
1 <!-- Estate Flow - Land Maintenance -->
2 <!--Name: Mark Lambert,
3 Student ID: C00192497
4 Purpose: Land Maintenance Main Hub Menu Page
5 Date: February 2025
6 EstateFlow Project Y2 2025 -->
7 <html lang="en">
8 <head>
9 <!-- Sets title -->
10 <title>EstateFlow - Land Property Maintenance</title>
11 <meta charset="UTF-8">
12 <!-- Style sheets -->
13 <link rel="stylesheet" href="../menu.css">
14 <link rel="stylesheet" href="land.css">
15 <!-- Set browser icon -->
16 <link rel="icon" type="image/x-icon" href="../images/icon.png">
17
18 </head>
19
20 <!-- Onload, the form locks, unlocks once user selects a client-->
21 <body onload="toggleLock()">
22
23 <!-- Fixed Top Bar displaying the page title -->
24 <div class="topBar">EstateFlow</div>
25
26 <!-- Sidebar Navigation Menu -->
27 <div class="sidebar" id="mySidebar">
28 <!-- Logo Section inside Sidebar -->
29 <div class="logo">
30
31 </div>
32 <!-- Navigation Links -->
33 Add a New Land Property
34 Delete a Land Property
35 Amend/View a Land Property
36

37 Exit
38 </div>
39
```



## **add\_land.html.php**



```
60 <!-- Container for Location -->
61 <div class = "inputbox">
62 <label for ="location">Location: *</label>

63 <input type="text" name="location" id="location" required
64 placeholder="Carlow">
65 </div>
66
67 <!-- Container for Status -->
68 <div class = "inputbox">
69 <label for ="status">Status: </label>

70 <select name = "status" id = status disabled>
71 <option value="0">For Sale</option>
72 <option value="1">Sale Agreed</option>
73 <option value="2">Sale Complete</option>
74 </select>
75 </div>
76
77 <!-- Container for Owner -->
78 <div class = "inputbox">
79 <label for = "owner">Owner: </label>

80 <input type="number" name="owner" id="owner">
81 </div>
82
83 <!-- Container for Asking Price -->
84 <div class = "inputbox">
85 <label for = "price">Asking Price: *</label>

86 <!-- Min = €1, max = €100 million-->
87 <input type="number" name="price" id="price" placeholder="€400000"
88 min="1" max="100000000" required>
89 </div>
90
91 <!-- Container for Viewing Times -->
92 <div class = "inputbox">
93 <label for = "viewing_times">Viewing Times: *</label>

94 <!-- Pattern allows for any alphabetic/number character, space's
95 hyphens and colons-->
96 <input type="text" name="viewing_times" id="viewing_times"
97 placeholder="Weekends 12pm - 5pm" required pattern="[A-Za-z
98 \d\-\:]+">
99 </div>
100
101 </fieldset>
102
103 <!-- Begin Fieldset for Land Specific Details -->
104 <fieldset>
105
106 <legend>Land-Specific Details</legend>
107
108 <!-- Container for Address -->
109 <div class = "inputbox">
110 <label for ="adrs">Address: *</label>

111 <input type="text" name="adrs" id="adrs" required placeholder=
112 "Line 1 (Required)">

113 <input type="text" name="adrs2" id="adrs2" placeholder="Line 2
114 (Optional)">

115 <input type="text" name="adrs3" id="adrs3" placeholder="Line 3
116 (Optional)">
117 </div>
118
119 <!-- Container for Acres -->
120 <div class = "inputbox">
121 <label for ="acres">Acres: *</label>

122 <!-- Min 1 - validation that we have atleast an acre of land,
123 max=1000000 (one hundred thousand acres)-->
124 <input type="number" name="acres" id="acres" required placeholder=
125 "2500" min="1" max="100000">
126 </div>
```



```
117
118 <!-- Container for Buildings -->
119 <div class = "inputbox">
120 <label for = "buildings">Buildings: *</label>

121 <input type="text" name="buildings" id="buildings" required
122 placeholder="Two large buildings, one shed">
123
124
125 <!-- Container for Residence Details -->
126 <div class = "inputbox">
127 <label for = "details">Residence Details: *</label>

128 <input type="text" name="details" id="details" required
129 placeholder="4 bedroom period residence in need of repair">
130
131
132 <!-- Container for Quotas -->
133 <div class = "inputbox">
134 <label for = "quotas">Quotas: *</label>

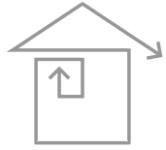
135 <!-- Max set to 1 million -->
136 <input type="number" name="quotas" id="quotas" required
137 placeholder="50000" min="0" max="1000000" title = "A quota may
138 represent the amount of produce permitted to be produced (e.g
139 500,000 litres of milk)">
140
141
142 <!-- Container for Notes -->
143 <div class = "inputbox">
144 <label for = "notes">Notes: </label>

145 <input type="text" name="notes" id="notes" placeholder=
146 "Exceptional condition, beautiful view, next to local village">
147
148
149 </fieldset>
150 <!-- End Form Container -->
151
152
153
154 <!-- Submit/Reset buttons -->
155 <div class = "myButton">
156 <input type="submit" value = "Add Land" name = "submit" id="submit" class
157 ="button" disabled>
158 <!-- Note, on click reset re-locks fields -->
159 <input type="reset" value = "Reset" name = "reset" class ="button" onclick
160 ="toggleLock()">
161
162
163
164
165
166 </form>
167 <!-- End Main Content Area -->
168
169
```



## add\_land.js

```
1 //Name: Mark Lambert
2 //Student ID: C00192497
3 //Purpose: add_land javascript file
4 //Date: February 2025
5 //EstateFlow Y2 2025
6
7 // Function populate which populates the textboxes when the desired user is selected
from the listbox
8 function populate()
9 {
10 // Selected person is got by the element with id listbox
11 var sel = document.getElementById("listbox");
12 var result;
13 // Returns the value of the selected item in the listbox by going to the index in
the listbox and calling .value
14 result = sel.options[sel.selectedIndex].value;
15
16 // Split the details by using the # as a delimiter
17 var personDetails = result.split('#');
18
19 // If the user hasn't selected an element, then the first field in personDetails
(owner id) wont have a value
20 if(personDetails[0] >= 0)
21 {
22 //Unlock the submit button if the user has selected a client
23 document.getElementById("submit").disabled = false;
24 // Put the client_ID (located at index 0 in the result set) into the inputbox
with id owner
25 document.getElementById("owner").value = personDetails[0];
26 // Once the client has been selected, we can call the unlock function so that
the user may now edit the required fields
27 unlock();
28 }
29 }
30 // Function toggleLock() is called onload, locking all fields until the user selects
a client first
31 function toggleLock()
32 {
33 //Set title
34 document.title = "EstateFlow - Add Land";
35 //Set a href class to button selected for specified page
36 document.getElementsByClassName("button selected");
37
38 document.getElementById("adr1").disabled = true;
39 document.getElementById("adr2").disabled = true;
40 document.getElementById("adr3").disabled = true;
41 document.getElementById("eircode").disabled = true;
42 document.getElementById("location").disabled = true;
43 document.getElementById("owner").disabled = true;
44 document.getElementById("price").disabled = true;
45 document.getElementById("viewing_times").disabled = true;
46 document.getElementById("buildings").disabled = true;
47 document.getElementById("acres").disabled = true;
48 document.getElementById("details").disabled = true;
49 document.getElementById("quotas").disabled = true;
50 document.getElementById("notes").disabled = true;
51
52 document.getElementById("submit").disabled = true;
53 }
54 //When we unlock, we only unlock fields that should be editable, leave the owner
inputbox locked,
55 // as we got that info from the listbox, and we also don't need to edit the
property_type tag
56 function unlock()
57 {
58 document.getElementById("adr1").disabled = false;
59 document.getElementById("adr2").disabled = false;
60 document.getElementById("adr3").disabled = false;
61 document.getElementById("eircode").disabled = false;
62 document.getElementById("location").disabled = false;
63 document.getElementById("price").disabled = false;
64 document.getElementById("viewing_times").disabled = false;
```



```
65 document.getElementById("buildings").disabled = false;
66 document.getElementById("acres").disabled = false;
67 document.getElementById("details").disabled = false;
68 document.getElementById("quotas").disabled = false;
69 document.getElementById("notes").disabled = false;
70 }
71
72 // Function confirmCheck() prompts user to confirm if they want to save the changes
73 function confirmCheck()
74 {
75 var response;
76 response = confirm('Confirm new Land Property');
77 // If user responds TRUE (yes), unlock the final locked fields and return true to
78 // insert the details
79 if(response)
80 {
81 unlock();
82 document.getElementById("status").disabled = false;
83 document.getElementById("property_type").disabled = false;
84 document.getElementById("owner").disabled = false;
85 return true;
86 }
87 // Otherwise, populate the inputboxes and lock the inputs, then return false
88 else
89 {
90 populate();
91 toggleLock();
92 }
93 }
```



## add\_land.php

```
1 <!-- Estate Flow - Add Land Page -->
2 <!--Name: Mark Lambert,
3 Student ID: C00192497
4 Purpose: Add Land PHP page
5 Date: February 2025
6 EstateFlow Project Y2 2025 -->
7 <?php
8 session_start();
9 // Note: inclusion of db.inc.php file, as we first need to connect to the db.
10 include '../db.inc.php';
11 // Set variables for POST
12 // Generic Property Details
13 $property_type = $_POST['property_type'];
14 //Concatenate the address into a single string w/ the delimiter ", ", but only if
15 //adrs2 isn't empty
16 if(!empty($_POST['adrs2'])){
17 $adrs = $_POST['adrs'] . ", " . $_POST['adrs2'] . ", " . $_POST['adrs3'];
18 } else {
19 //Otherwise, we can assume that just the line 1 was input by the user
20 $adrs = $_POST['adrs'];
21 }
22 $eircode = $_POST['eircode'];
23 $location = $_POST['location'];
24 $status = $_POST['status'];
25 $owner = $_POST['owner'];
26 $price = $_POST['price'];
27 $viewing_times = $_POST['viewing_times'];
28
29 // Land-Specific Details
30 $property_id;
31 $acres = $_POST['acres'];
32 $buildings = $_POST['buildings'];
33 $details = $_POST['details'];
34 $quotas = $_POST['quotas'];
35 $notes = $_POST['notes'];
36
37 // INSERT statement for the Property table
38 $sql = "INSERT INTO Property
39 (type,address,eircode,location,status,owner,asking_price,viewing_times)
40 VALUES ('$property_type','$adrs','$eircode','$location','$status','$owner','$price',
41 '$viewing_times')";
42
43 // If the SQL query fails
44 if(!mysqli_query($con,$sql))
45 {
46 // Print the following message with the last occurred error that occurred
47 // within the connection
48 die("There was an error with your Property Query: " . mysqli_error($con));
49 }
50
51 // Gets the last AUTO ID value inserted, meaning we don't have to prompt the user
52 // for an input on what the property id of this land property is
53 $property_id = mysqli_insert_id($con);
54
55 // String sql is assigned the Insert statement for DB
56 $sql = "INSERT INTO Land (property_id,acres,buildings,residence_details, quotas,
57 notes)
58 VALUES ('$property_id','$acres','$buildings','$details','$quotas','$notes')";
59
60 // If the SQL query fails
61 if(!mysqli_query($con,$sql))
62 {
63 // Print the following message with the last occurred error that occurred
64 // within the connection
65 die("There was an error with your Land Property Query: " . mysqli_error($con
66));
67 }
68 //Set the session variable property_id for a success message
69 $_SESSION["property_id"] = $property_id;
70 // Close connection
```



## add\_land\_listbox.php

```
1 <!-- Name: Mark Lambert, Student ID: C00192497, Purpose: add_land listbox.php
2 12/2/2025 -->
3 <?php
4 // Include php script that connects to the db
5 include "../db.inc.php";
6 date_default_timezone_set('UTC');
7 // Prepare the statement for the SELECT query
8 $sql = "SELECT client_ID, name FROM Client WHERE delete_flag=0";
9
10 // Error handling, if a problem with the query, print a relevant message
11 if (!$result = mysqli_query($con, $sql))
12 {
13 // Die kills rest of script
14 die('Error in querying the database' . mysqli_error($con));
15 }
16
17 // Creates a dropdown list (<select>) with a id listbox, when the user clicks the
18 // dropdown the function populate() when a user is clicked
19 echo "
<select name = 'listbox' id = 'listbox' onclick = 'populate()'
required>";
20 // populate(), populates the forms inputboxes with further information from the
21 // db about the person
22
23 // Adds a hidden option to the listbox, which is hidden and disabled so that the
24 // user can't accidentally add this to the D/B
25 // Purpose is to have a default selected value that displays a message asking user
26 // to select from the listbox
27 echo "<option value ='none' selected disabled hidden>Select a Client</option>";
28 // Iterate through the result set
29 while($row = mysqli_fetch_array($result))
30 {
31 $id = $row['client_ID'];
32 $name = $row['name'];
33 // Concatenate all results into one, and use '#' as delim
34 $allText = "$id#$name";
35 // Assigns each field in the listbox (each person) with their respective more
36 // detailed information
37 echo "<option value = '$allText'>$name</option>";
38 }
39
40 // End the select (listbox)
41 echo "</select>";
42 // Close connection
43 mysqli_close($con);
44 ?>
```



## Delete a Land Property

### HTML Screenshot

**EstateFlow**

**Delete a Land Property**

**Select a Land Property to Delete**

**Delete a Land Property**

**Land-Specific Details**

**Property Type:** Land

**Eircode:** Y21 234

**Location:** Carlow

**Status:** For Sale

**Highest Bid:** €385000

**Asking Price:** €400000

**Viewing Times:** Weekends 12pm - 5pm

**Address:** Line 1 (Required)

**Line 2 (Optional)**

**Line 3 (Optional)**

**Acres:** 2500

**Buildings:** Two large buildings, one shed

**Residence Details:** 4 bedroom period residence in need of repair

**Quotas:** 50000

**Notes:** Exceptional condition, beautiful view, next to local village

**Delete Record** **Reset**

Add a New Land Property

Delete a Land Property

Amend/View a Land Property

Exit



## **delete\_land.html.php**

```

1 <!-- Estate Flow - Delete Land Page -->
2 <!--Name: Mark Lambert,
3 Student ID: C00192497
4 Purpose: Delete Land HTML form page
5 Date: February 2025
6 EstateFlow Project Y2 2025 -->
7 <!DOCTYPE html>
8 <?php
9 include "land_maintenance.html.php";
10 session_start();
11 ?>
12 <!-- Main Content Area -->
13 <div class="content">
14 <script src="delete_land.js"></script>
15 <!-- Start form, sending info via Post to add_land.php -->
16 <form action="delete_land.php" onsubmit="return confirmCheck()" method="Post">
17 <!-- Set heading for the form -->
18 <h1>Delete a Land Property</h1>
19
20 <!-- Container for Listbox containing all clients w/ their client_id in the
21 values-->
22 <div class = "view-listbox">
23 <label for = "view-listbox"><h2>Select a Land Property to Delete
24 </h2></label>
25 <!-- Calls the php script to make the dynamic listbox and insert it into
26 the form via an echo -->
27 <?php
28 include 'delete_land_listbox.php';
29 ?>
30 </div>
31
32 <!-- Script to echo out that the land property has been deleted-->
33 <?php
34 if(ISSET($_SESSION["land_id"]) && ISSET($_SESSION["eircode"]))
35 {
36 if(ISSET($_SESSION["bid"]))
37 {
38 echo "<h2>Land Property with ID: " . $_SESSION["land_id"] . " ,
39 Eircode " . $_SESSION["eircode"] . " and all bids have been
40 deleted</h2>";
41 }
42 else
43 echo "<h2>Land Property with ID: " . $_SESSION["land_id"] . " and
44 Eircode " . $_SESSION["eircode"] . " has been deleted</h2>";
45 }
46 session_destroy();
47 ?>
48
49 <!-- Begin form Container -->
50 <div class = "formContainer">
51
52 <fieldset>
53
54 <legend>Delete a Land Property</legend>
55
56 <!-- Container for Property Type -->
57 <div class = "inputbox">
58 <label for = "property_type">Property Type: </label>

59 <!-- Set value to Land as it cannot be anything other than Land
60 when entering a Land property, disabled the box so cannot be
61 edited -->
62 <input type="text" name="property_type" id="property_type"
63 placeholder="Land" disabled>
64 </div>
65
66 <!-- Container for Eircode -->
67 <div class = "inputbox">
68 <label for = "eircode">Eircode: </label>

69 <!-- Pattern: Eircode 1 alpha char(upper or lowercase) followed
70 by TWO digits, zero to one spaces any four of a alpha char or
71 number -->
72 <input type="text" name="eircode" id="eircode" required autofocus>
73 </div>
74
75 <input type="submit" value="Delete" />
76
77 </form>
78
79 </div>
80
81 </body>
82 </html>

```



```
placeholder="Y21 234" pattern="[A-Za-z]{1}\d{2} []?[A-Za-z\d]{4}"
disabled >
62 </div>
63
64 <!-- Container for Location -->
65 <div class = "inputbox">
66 <label for ="location">Location: </label>

67 <input type="text" name="location" id="location" required
68 placeholder="Carlow" disabled>
69 </div>
70
71 <!-- Container for Status -->
72 <div class = "inputbox">
73 <label for ="status">Status: </label>

74 <select name = "status" id = status>
75 <option value="0">For Sale</option>
76 <option value="1">Sale Agreed</option>
77 <option value="2">Sale Complete</option>
78 </select>
79 </div>
80
81 <!-- Container for Highest Bid -->
82 <div class = "inputbox">
83 <label for = "bid">Highest Bid: </label>

84 <input type="number" name="bid" id="bid" min="1" placeholder=
85 "€385000" required disabled>
86 </div>
87
88 <!-- Container for Asking Price -->
89 <div class = "inputbox">
90 <label for = "price">Asking Price: </label>

91 <!-- Min = €1, max = €100 million-->
92 <input type="number" name="price" id="price" placeholder="€400000"
93 min="1" max="100000000" required disabled>
94 </div>
95
96 <!-- Container for Viewing Times -->
97 <div class = "inputbox">
98 <label for = "viewing_times">Viewing Times: </label>

99 <!-- Pattern allows for any alphabetic/number character, space's
100 hyphens and colons-->
101 <input type="text" name="viewing_times" id="viewing_times"
102 placeholder= "Weekends 12pm - 5pm" required pattern="[A-Za-z
103 \d\-\:]+&" disabled>
104 </div>
105 </fieldset>
106
107 <!-- Begin Fieldset for Land Specific Details -->
108 <fieldset>
109
110 <legend>Land-Specific Details</legend>
111
112 <!-- Container for Address -->
113 <div class = "inputbox">
114 <label for ="adrs">Address: </label>

115 <input type="text" name="adrs" id="adrs" required placeholder=
116 "Line 1 (Required)" disabled>

117 <input type="text" name="adrs2" id="adrs2" placeholder="Line 2
118 (Optional)" disabled>

119 <input type="text" name="adrs3" id="adrs3" placeholder="Line 3
120 (Optional)" disabled>
121 </div>
122
123 <!-- Container for Acres -->
124 <div class = "inputbox">
125 <label for ="acres">Acres: </label>

126 <!-- Min 1 - validation that we have atleast an acre of land,
127 max=1000000 (one hundred thousand acres)-->
128 <input type="number" name="acres" id="acres" required placeholder=
129 "2500" min="1" max="100000" disabled>
130 </div>
```



```
121
122 <!-- Container for Buildings -->
123 <div class = "inputbox">
124 <label for = "buildings">Buildings: </label>

125 <input type="text" name="buildings" id="buildings" required
126 placeholder="Two large buildings, one shed" disabled>
127 </div>
128
129 <!-- Container for Residence Details -->
130 <div class = "inputbox">
131 <label for = "details">Residence Details: </label>

132 <input type="text" name="details" id="details" required
133 placeholder="4 bedroom period residence in need of repair"
134 disabled>
135 </div>
136
137 <!-- Container for Quotas -->
138 <div class = "inputbox">
139 <label for = "quotas">Quotas: </label>

140 <!-- Max set to 1 million -->
141 <input type="number" name="quotas" id="quotas" required
142 placeholder="50000" min="0" max="1000000" title =
143 "A quota may
144 represent the amount of produce permitted to be produced (e.g
145 500,000 litres of milk)" disabled>
146 </div>
147
148 <!-- Container for Notes -->
149 <div class = "inputbox">
150 <label for = "notes">Notes: </label>

151 <input type="text" name="notes" id="notes" placeholder=
152 "Exceptional condition, beautiful view, next to local village"
153 disabled>
154 </div>
155
156 <!-- Container for Land ID - Hidden, as ID is only needed when
157 updating to the correct entry in table -->
158 <input type="number" name="land_id" id="land_id" hidden>
159
160 <!-- Container for Property ID - Hidden, as ID is only needed when
161 updating to the correct entry in table -->
162 <input type="number" name="property_id" id="property_id" hidden>
163
164 <!-- Container for bid_id hidden, only needed for getting relevant
165 record to delete-->
166 <input type="number" name="bid_id" id="bid_id" hidden>
167
168 <!-- End Form Container -->
169 </div>
```



## delete\_land.js

```
1 //Name: Mark Lambert
2 //Student ID: C00192497
3 //Purpose: delete_land javascript file
4 //Date: February 2025
5 //EstateFlow Y2 2025
6
7 // Function populate which populates the textboxes when the desired user is selected
8 // from the listbox
9 function populate()
10 {
11 // Selected person is got by the element with id listbox
12 var sel = document.getElementById("listbox");
13
14 var result;
15 // Returns the value of the selected item in the listbox by going to the index in
16 // the listbox and calling .value
17 result = sel.options[sel.selectedIndex].value;
18 // Split the details by using the , as a delimiter
19 var landDetails = result.split('#');
20
21 //Checks if the user has selected something from the listbox by inspecting the
22 //first element in the array of results
23 //which is for property type, if no value is in the field, it defaults to none,
24 //so if false, populate
25 if(!(landDetails[0] == "none")){
26
27 // Populate each element corresponding to their index in the landDetails
28 //array (which in turn is based off of how you inserted the values into the
29 //allText var in listbox.php)
30 document.getElementById("property_type").value = landDetails[0];
31 //Address values get split using a seperate delimiter, the ', ' sequence of
32 //characters
33 document.getElementById("adrs").value = landDetails[1].split(', ')[0];
34
35 //Check if the split details have a value, if they are null, give them a
36 //default value
37 //ensuring that "undefined" isn't displayed
38 if((landDetails[1].split(', ')[1] == null)){
39 document.getElementById("adrs2").value = "";
40 document.getElementById("adrs3").value = "";
41 }else{
42 document.getElementById("adrs2").value = landDetails[1].split(', ')[1];
43 document.getElementById("adrs3").value = landDetails[1].split(', ')[2];
44
45 }
46
47 document.getElementById("eircode").value = landDetails[2];
48 document.getElementById("location").value = landDetails[3];
49 document.getElementById("status").value = landDetails[4];
50 document.getElementById("bid").value = landDetails[5];
51 document.getElementById("price").value = landDetails[6];
52 document.getElementById("viewing_times").value = landDetails[7];
53 document.getElementById("acres").value = landDetails[9];
54 document.getElementById("buildings").value = landDetails[10];
55 document.getElementById("details").value = landDetails[11];
56 document.getElementById("quotas").value = landDetails[12];
57 document.getElementById("notes").value = landDetails[13];
58 document.getElementById("property_id").value = landDetails[14];
59 document.getElementById("land_id").value = landDetails[8];
60 document.getElementById("bid_id").value = landDetails[15];
61
62 //Unlock everything to populate the form
63 unlock();
64
65 }
66 //Then re-lock the fields so the user can't enter any info
67 toggleLock();
68 }
69 // Function toggleLock() is called onload, locking all fields until the user selects
70 // a client first
71 function toggleLock()
72 {
73 document.title = "EstateFlow - Delete Land";
```



```
64 //Set a href class to button selected for specified page
65 document.getElementById("deleteLand").className = "button selected";
66
67 document.getElementById("property_type").disabled = true;
68 document.getElementById("adrs").disabled = true;
69 document.getElementById("adrs2").disabled = true;
70 document.getElementById("adrs3").disabled = true;
71 document.getElementById("eircode").disabled = true;
72 document.getElementById("location").disabled = true;
73 document.getElementById("status").disabled = true;
74 document.getElementById("bid").disabled = true;
75 document.getElementById("price").disabled = true;
76 document.getElementById("viewing_times").disabled = true;
77 document.getElementById("buildings").disabled = true;
78 document.getElementById("acres").disabled = true;
79 document.getElementById("details").disabled = true;
80 document.getElementById("quotas").disabled = true;
81 document.getElementById("notes").disabled = true;
82 }
83 //When we unlock, we only unlock fields that should be editable, leave the owner
84 //inputbox locked,
85 // as we got that info from the listbox, and we also don't need to edit the
86 //property_type tag
87 function unlock()
88 {
89 document.getElementById("adrs").disabled = false;
90 document.getElementById("adrs2").disabled = false;
91 document.getElementById("adrs3").disabled = false;
92 document.getElementById("eircode").disabled = false;
93 document.getElementById("location").disabled = false;
94 document.getElementById("status").disabled = false;
95 document.getElementById("bid").disabled = false;
96 document.getElementById("price").disabled = false;
97 document.getElementById("viewing_times").disabled = false;
98 document.getElementById("buildings").disabled = false;
99 document.getElementById("acres").disabled = false;
100 document.getElementById("details").disabled = false;
101 document.getElementById("quotas").disabled = false;
102 document.getElementById("notes").disabled = false;
103 }
104 // // Function confirmCheck() prompts user to confirm if the want to save the changes
105 function confirmCheck()
106 {
107 //Unlock the fields before submitting the form, so that we can correctly set the
108 //session variables
109 unlock();
110 var checkBids;
111 if(document.getElementById("bid_id").value != -1)
112 {
113 checkBids = confirm('There are currently active bids on this property,
114 proceeding will delete all associated Bids');
115 //If user confirms they want to, ask once more if they want to delete
116 if(checkBids)
117 {
118 var areYouSure;
119 areYouSure = confirm("Are you Sure?");
120 if(areYouSure)
121 {
122 return true;
123 }
124 }
125 else
126 {
127 toggleLock();
128 return false;
129 }
130 }
131
132 var response;
133 response = confirm('Are you sure you want to delete?');
134 // If user responds TRUE (yes), unlock the final locked fields and return true to
```



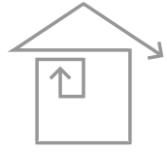
## delete\_land.php

```
1 <!-- Estate Flow - Delete Land Page php -->
2 <!--Name: Mark Lambert
3 Purpose: php script for deleting a land property
4 Student ID: C00192497y-->
5 <!DOCTYPE html>
6 <?php
7 session_start();
8 ?>
9
10 <?php
11 include '../db.inc.php';
12 date_default_timezone_set('UTC');
13 //UPDATE statements for deleting the entries in the table
14 // UPDATE statement for the Property table
15 $propSQL = "UPDATE Property SET delete_flag = 1 WHERE property_id = '$_POST[property_id]'";
16 // UPDATE statement for the Land Table
17 $landSQL = "UPDATE Land SET delete_flag = 1 WHERE land_id = '$_POST[land_id]'";
18 //Update statement for the Bid table
19 $bidSQL = "UPDATE Bid SET delete_flag = 1 WHERE property_ID = '$_POST[property_id]'";
20
21 // If there's a problem with the query
22 if(!mysqli_query($con, $propSQL))
23 {
24 die("There was an error with your Property Query: " . mysqli_error($con));
25 }
26 // Otherwise
27 else
28 {
29 // So long as AT LEAST 1 row was affected, we will execute the update
30 if(mysqli_affected_rows($con) !=0)
31 {
32 $_SESSION['land_id'] = $_POST['property_id'];
33 }
34 }
35
36 // If there's a problem with the query for LAND
37 if(!mysqli_query($con, $landSQL))
38 {
39 die("There was an error with your Land Property Query: " . mysqli_error($con));
40 }
41 // Otherwise
42 else
43 {
44 // So long as AT LEAST 1 row was affected, we will execute the update
45 if(mysqli_affected_rows($con) !=0)
46 {
47 $_SESSION['eircode'] = $_POST['eircode'];
48 }
49 }
50
51 // If there's a problem with the query for BID
52 if(!mysqli_query($con, $bidSQL))
53 {
54 die("There was an error with your Bid Query: " . mysqli_error($con));
55 }
56 // Otherwise
57 else
58 {
59 // So long as AT LEAST 1 row was affected, we will execute the update
60 if(mysqli_affected_rows($con) !=0)
61 {
62 $_SESSION['bid'] = 1;
63 }
64 }
65
66
67 header('Location: delete_land.html.php');
68 mysqli_close($con);
69
```



## delete\_land\_listbox.php

```
1 <!-- Name: Mark Lambert, Student ID: C00192497, Purpose: delete land listbox.php
2 12/2/2025 -->
3 <?php
4 // Include php script that connects to the db
5 include "../db.inc.php";
6 date_default_timezone_set('UTC');
7 // Prepare the statement for the SELECT query on LAND which INNER JOINS with the
8 // PROPERTY table where their property id's are equal respectively, finally a LEFT join
9 // joins this with the Bid table and group by the land_id, so that we do not see repeats
10 // in the dropdown
11 $sql = "SELECT Land.*, Property.*, Bid.bid_id FROM Land INNER JOIN Property ON
12 Land.property_id = Property.property_id LEFT JOIN Bid ON Land.property_id =
13 Bid.property_id WHERE Land.delete_flag = 0 GROUP BY Land.land_id";
14
15
16
17
18
19 // Error handling, if a problem with the query, print a relevant message
20 if (!$result = mysqli_query($con, $sql))
21 {
22 // Die kills rest of script
23 die('Error in querying the database' . mysqli_error($con));
24 }
25
26
27
28
29 // Creates a dropdown list (<select>) with a id listbox, when the user clicks the
30 // dropdown the function populate() when a user is clicked
31 echo "
<select name = 'listbox' id = 'listbox' onclick = 'populate()'
32 required>";
33 // populate(), populates the forms inputboxes with further information from the
34 // db about the person
35
36 // Adds a hidden option to the listbox, which is hidden and disabled so that the
37 // user can't accidentally add this to the D/B
38 // Purpose is to have a default selected value that displays a message asking user
39 // to select from the listbox
40 echo "<option value ='none' selected disabled hidden selected>Select a Land
41 Property</option>";
42 // Iterate through the result set
43 while($row = mysqli_fetch_array($result))
44 {
45 // Property values
46 $type = $row['type'];
47 $address = $row['address'];
48 //Split the address into parts, so the user doesn't see the delimiter
49 $adrs = explode(',', $address);
50 //If the second result in the split array has a value, then concatenate all
51 //of the address for the lsitbox
52 if(!empty($adrs[1])){
53 $displayAdrs = $adrs[0] . ', ' . $adrs[1] . ', ' . $adrs[2];
54 }
55 else{
56 //Otherwise, we can assume that just the first result in the array has
57 //contents
58 $displayAdrs = $adrs[0];
59 }
60
61 $eircode = $row['eircode'];
62 $location = $row['location'];
63 $status = $row['status'];
64 $highest_bid = $row['highest_bid'];
65 $asking_price = $row['asking_price'];
66 $viewing_times = $row['viewing_times'];
67 $property_id = $row['property_id'];
68 // Then Land
69 $land_id = $row['land_id'];
70 $acres = $row['acres'];
71 $buildings = $row['buildings'];
72 $residence_details = $row['residence_details'];
73 $quotas = $row['quotas'];
74 $notes = $row['notes'];
75
76 $bid_id = $row['bid_id'];
```



```
59
60 //If there isn't any bid's associated with the property, assign it a default
61 //value
62 if($bid_id == null) {
63 $bid_id = -1;
64 }
65 //Assign allText all of the values, separated by the delim '#'
66 $allText = "$type#$address#$eircode#$location#$status#$highest_bid#
67 $asking_price#$viewing_times#$land_id#$acres#$buildings#$residence_details#
68 $quotas#$notes#$property_id#$bid_id";
69 // Assigns each field in the listbox with the values and displays each entry
70 // via their eircode
71 echo "<option value = '$allText'>$eircode ($displayAdrs)</option>";
72 }
73
74 // End the select (listbox)
75 echo "</select>";
76 // Close connection
77 mysqli_close($con);
78
79 ?>
```



## Amend/View a Land Property

### HTML Screenshot

**EstateFlow**

### Amend a Land Property

Select a Land Property to Edit

**Amend a Land Property**

**Land-Specific Details**

**Address:** \*  
Line 1 (Required)  
Line 2 (Optional)  
Line 3 (Optional)

**Acres:** \*  
2500

**Buildings:** \*  
Two large buildings, one shed

**Residence Details:** \*  
4 bedroom period residence in need of repair

**Quotas:** \*  
50000

**Notes:**  
Exceptional condition, beautiful view, next to local village

**Amend Details** | **Filter by Sold** | **Filter by Not Sold** | **Reset Filter**

**Exit**

**Amend/View a Land Property**

**Postcode:** \*  
Y21 234

**Location:** \*  
Carlow

**Status:**  
For Sale

**Owner:**  
[Empty input field]

**Highest Bid:**  
€385000

**Asking Price:** \*  
€400000

**Viewing Times:** \*  
Weekends 12pm - 5pm

**Update Record** | **Reset**



## view\_land.html.php

```
1 <!-- Estate Flow - View Land Page -->
2 <!--Name: Mark Lambert
3 Student ID: C00192497
4 Purpose: View/Amend land form page
5 Date: February 2025
6 EstateFlow Y2 Project 2025-->
7 <!DOCTYPE html>
8 <?php
9 include "land_maintenance.html.php";
10 session_start();
11 ?>
12 <!-- Main Content Area -->
13 <div class="content">
14 <script src="view_land.js"></script>
15 <!-- Start form, sending info via Post to add_land.php -->
16 <form action="view_land.php" onsubmit="return confirmCheck()" method="Post">
17 <!-- Set heading for the form -->
18 <h1>Amend a Land Property</h1>
19
20 <!-- Container for Listbox containing all clients w/ their client_id in
21 the values-->
22 <div class = "view-listbox">
23 <label for = "view-listbox"><h2>Select a Land Property to Edit
24 </h2></label>
25 <!-- Calls the php script to make the dynamic listbox and insert it
26 into the form via an echo -->
27 <?php include 'view_land_listbox.php'; ?>
28 </div>
29
30 <!-- Button which when clicked, calls the toggleLock function
31 (toggleLock, switches between the two states of Amend and View) -->
32 <div class = "myButton">
33 <input type = "button" value = "Amend Details" id = "amendViewbutton"
34 onclick = "toggleLock()" disabled>
35 <input type='button' value='Filter by Sold' id='filterSold' onclick=
36 'filterBySold()'>
37 <input type='button' value='Filter by Not Sold' id='filterNotSold'
38 onclick='filterByNotSold()'>
39 <input type='button' value='Reset Filter' id='resetFilter' onclick=
40 'filterAll()'>
41 </div>
42
43 <!-- Script which checks if the session variable has been set for when a
44 land property has been edited, if so, echo a message out -->
45 <?php
46 if(isset($_SESSION['property_id'])) {
47 echo "<h2>Land Property with ID: " . $_SESSION['property_id'] . "
48 has been updated</h2>";
49 }
50 session_destroy();
51 ?>
52
53 <div class = "formContainer">
54
55 <fieldset>
56
57 <legend>Amend a Land Property</legend>
58
59
60 <!-- Container for Eircode -->
61 <div class = "inputbox">
62 <!-- Use of span for required fields to signify to user -->
63 <label for = "eircode">Eircode: *</label>

64 <!-- Pattern: Eircode 1 alpha char(upper or lowercase) followed
65 by TWO digits, zero to one spaces any four of a alpha char or
66 number -->
67 <input type="text" name="eircode" id="eircode" required autofocus
68 placeholder="Y21 234" pattern="[A-Za-z]{1}\d{2}[]?[A-Za-z\d]{4}">
69 disabled autofocus title="Valid Eircode is required (e.g Y21
70 R234)" disabled>
71 </div>
```



```
57
58 <!-- Container for Location -->
59 <div class = "inputbox">
60 <label for = "location">Location: </label>

61 <input type="text" name="location" id="location" required
62 placeholder="Carlow" disabled>
63 </div>
64
65 <!-- Container for Status -->
66 <div class = "inputbox">
67 <label for = "status">Status: </label>

68 <select name = "status" id = status disabled>
69 <option value="0">For Sale</option>
70 <option value="1">Sale Agreed</option>
71 <option value="2">Sale Complete</option>
72 </select>
73 </div>
74
75 <!-- Container for Owner -->
76 <div class = "inputbox">
77 <label for = "ownerName">Owner: </label>

78 <input type="text" name="ownerName" id="ownerName"
79 disabled>
80 </div>
81
82 <!-- Container for Highest Bid -->
83 <div class = "inputbox">
84 <label for = "bid">Highest Bid: </label>

85 <input type="number" name="bid" id="bid" placeholder=
86 "€385000" min="1" disabled>
87 </div>
88
89 <!-- Container for Asking Price -->
90 <div class = "inputbox">
91 <label for = "price">Asking Price: *</label>

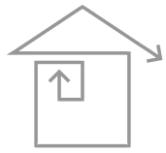
92 <!-- Min = €1, max = €100 million-->
93 <input type="number" name="price" id="price" placeholder=
94 "€400000" min="1" max="100000000" required disabled>
95 </div>
96
97 <!-- Container for Viewing Times -->
98 <div class = "inputbox">
99 <label for = "viewing_times">Viewing Times: </label>

100 <!-- Pattern allows for any alphabetic/number character, space's
101 hyphens and colons-->
102 <input type="text" name="viewing_times" id="viewing_times"
103 placeholder= "Weekends 12pm - 5pm" required pattern="[A-Za-z
104 \d\-\:]+"
105 title="The following characters are only permitted: A-Z
106 (Upper/lowercase) digits, - and :" disabled>
107 </div>
108
109 </fieldset>
110
111 <!-- Begin Fieldset for Land Specific Details -->
112 <fieldset>
113
114 <legend>Land-Specific Details</legend>
115
116 <!-- Container for Address -->
117 <div class = "inputbox">
118 <label for = "adrs">Address: *</label>

119 <input type="text" name="adrs" id="adrs" required
120 placeholder="Line 1 (Required)" disabled>

121 <input type="text" name="adrs2" id="adrs2" placeholder=
122 "Line 2 (Optional)" disabled>

123 <input type="text" name="adrs3" id="adrs3" placeholder=
124 "Line 3 (Optional)" disabled>
125 </div>
126
127 <!-- Container for Acres -->
```



```
116 <div class = "inputbox">
117 <label for ="acres">Acres: *</label>

118 <!-- Min 1 - validation that we have atleast an acre of land,
119 max=1000000 (one hundred thousand acres)-->
120 <input type="number" name="acres" id="acres" required
121 placeholder="2500" min="1" max="100000" disabled>
122 </div>
123
124 <!-- Container for Buildings -->
125 <div class = "inputbox">
126 <label for = "buildings">Buildings: *</label>

127 <input type="text" name="buildings" id="buildings"
128 required placeholder="Two large buildings, one shed"
129 disabled>
130 </div>
131
132 <!-- Container for Residence Details -->
133 <div class = "inputbox">
134 <label for = "details">Residence Details: </label>

135 <input type="text" name="details" id="details" required
136 placeholder="4 bedroom period residence in need of repair"
137 disabled>
138 </div>
139
140 <!-- Container for Quotas -->
141 <div class = "inputbox">
142 <label for ="quotas">Quotas: *</label>

143 <!-- Max set to 1 million -->
144 <input type="number" name="quotas" id="quotas" required
145 placeholder="50000" min="0" max="1000000" title = "A quota may
146 represent the amount of produce permitted to be produced (e.g
147 500,000 litres of milk)" disabled>
148 </div>
149
150 <!-- Container for Notes -->
151 <div class = "inputbox">
152 <label for = "notes">Notes: </label>

153 <input type="text" name="notes" id="notes" placeholder=
154 "Exceptional condition, beautiful view, next to local
155 village" disabled>
156 </div>
157
158 <!-- Container for Owner ID - Hidden, as ID is only needed
159 when updating to the correct entry in table -->
160 <input type="number" name="owner" id="owner" hidden>
161
162 <!-- Container for Property ID - Hidden, as ID is only needed
163 when updating to the correct entry in table -->
164 <input type="number" name="property_id" id="property_id"
165 hidden>
166
167 <!-- Container for Land ID - Hidden, as ID is only needed
168 when updating to the correct entry in table -->
169 <input type="number" name="id" id="id" hidden>
170
171 <!-- Hidden for UI tidyness as only needed for query-->
172 <input type="text" name="property_type" id="property_type"
173 hidden>
174
175 </fieldset>
176 <!-- End Form Container -->
177 </div>
178
179 <!-- Submit/Reset buttons -->
180 <div class = "myButton">
181 <!-- Submit button is initially disabled, as user will only be able
182 to submit details when in the amend state-->
183 <input type="submit" value = "Update Record" name = "submit" class =
184 "button" id="submit" disabled>
```



## view\_land.js

```
1 //Name: Mark Lambert
2 //Student ID: C00192497
3 //Purpose: JavaScript file for view/amend a land property
4 //Date: February 2025
5 //EstateFlow Y2 Project 2025
6
7 // // Function confirmCheck() prompts user to confirm if they want to save the changes
8 function confirmCheck()
9 {
10 var response = confirm('Confirm Update?');
11 console.log("User response:", response); // Log the user's response
12 return response; // Return the response directly
13 if(response)
14 {
15 document.getElementById("property_type").disabled = false;
16 return true;
17 }
18 else
19 {
20 populate();
21 toggleLock();
22 return false;
23 }
24}
25 // Function populate which populates the textboxes when the desired user is selected
// from the listbox
26 function populate()
27 {
28 // Selected person is got by the element with id listbox
29 var sel = document.getElementById("listbox");
30 var result;
31 // Returns the value of the selected item in the listbox by going to the index in
32 // the listbox and calling .value
33 result = sel.options[sel.selectedIndex].value;
34 // Split the details by using the , as a delimiter
35 var landDetails = result.split('#');

36 //Check if the user has clicked an entry on the listbox
37 if(!(landDetails[0] == "none")){
38 //If they have, then we can enable the amendView button
39 document.getElementById("amendViewbutton").disabled = false;
40 document.getElementById("property_type").value = landDetails[0];
41 //Address values get split using a seperate delimiter, the ', ' sequence of
42 //characters
43 document.getElementById("adrs").value = landDetails[1].split(', ')[0];

44 //Check if the split details have a value, if they are null, give them a
45 //default value
46 //ensuring that "undefined" isn't displayed
47 if((landDetails[1].split(', ')[1] == null)){
48 document.getElementById("adrs2").value = "";
49 document.getElementById("adrs3").value = "";
50 }else{
51 document.getElementById("adrs2").value = landDetails[1].split(', ')[1];
52 document.getElementById("adrs3").value = landDetails[1].split(', ')[2];
53 }

54 document.getElementById("eircode").value = landDetails[2];
55 document.getElementById("location").value = landDetails[3];
56 document.getElementById("status").value = landDetails[4];
57 document.getElementById("owner").value = landDetails[5];
58 document.getElementById("bid").value = landDetails[6];
59 document.getElementById("price").value = landDetails[7];
60 document.getElementById("viewing_times").value = landDetails[8];
61 document.getElementById("property_id").value = landDetails[9];
62 document.getElementById("id").value = landDetails[10];
63 document.getElementById("acres").value = landDetails[11];
64 document.getElementById("ownerName").value = landDetails[12];
65 document.getElementById("buildings").value = landDetails[13];
66 document.getElementById("details").value = landDetails[14];
67 document.getElementById("quotas").value = landDetails[15];
68 document.getElementById("notes").value = landDetails[16];
```



```
72
73 // Function toggleLock() is called onload, locking all fields until the user selects
74 // a client first
75 function toggleLock()
76 {
77 //Set title
78 document.title = "EstateFlow - Amend Land";
79 //Set a href class to button selected for specified page
80 document.getElementById("amendLand").className = "button selected";
81
82 // Checks if the user has first actually selected a property, which will be
83 // known if the Property Type field is populated with "Land", otherwise,
84 // if it reads none, null, undefined etc it wont allow the user to insert/amend
85 if(document.getElementById("property_type").value == "Land")
86 {
87 document.getElementById("submit").disabled = false;
88 document.getElementById("amendViewbutton").disabled = false;
89 }
90
91 //If the button reads Amend Details, then we are in the View Details state, so
92 //lock all the fields
93 //also checks if property_id has a value, otherwise, don't allow the body onload
94 //tag to execute, as it would cause the form to unlock
95 if(document.getElementById("amendViewbutton").value == "Amend Details" && document
96 .getElementById("property_id").value > 0){
97
98 document.getElementById("adrs").disabled = false;
99 document.getElementById("adrs2").disabled = false;
100 document.getElementById("adrs3").disabled = false;
101 document.getElementById("eircode").disabled = false;
102 document.getElementById("location").disabled = false;
103 document.getElementById("price").disabled = false;
104 document.getElementById("viewing_times").disabled = false;
105 document.getElementById("buildings").disabled = false;
106 document.getElementById("acres").disabled = false;
107 document.getElementById("details").disabled = false;
108 document.getElementById("quotas").disabled = false;
109 document.getElementById("notes").disabled = false;
110 document.getElementById("ownerName").disabled = false;
111 // Set focus to the eircode field
112 document.getElementById('eircode').focus();
113 //Change the button to View Details
114 document.getElementById("amendViewbutton").value = "View Details";
115 }
116
117 function lock(){
118 //If the button reads Amend Details, then we are in the View Details state, so
119 //lock all the fields
120 //also checks if property_id has a value, otherwise, don't allow the body onload
121 //tag to execute, as it would cause the form to unlock
122 if(document.getElementById("amendViewbutton").value == "View Details"){
123 document.getElementById("adrs").disabled = true;
124 document.getElementById("adrs2").disabled = true;
125 document.getElementById("adrs3").disabled = true;
126 document.getElementById("eircode").disabled = true;
127 document.getElementById("location").disabled = true;
128 document.getElementById("price").disabled = true;
129 document.getElementById("viewing_times").disabled = true;
130 document.getElementById("buildings").disabled = true;
131 document.getElementById("acres").disabled = true;
132 document.getElementById("details").disabled = true;
133 document.getElementById("quotas").disabled = true;
134 document.getElementById("notes").disabled = true;
135 document.getElementById("ownerName").disabled = true;
```



```
135 //Change the button to View Details
136 document.getElementById("amendViewbutton").value = "Amend Details";
137 //Change the button to View Details
138 document.getElementById("amendViewbutton").disabled = true;
139 //Change the button to View Details
140 document.getElementById("submit").disabled = true;
141 }
142 }
143
144 function unlock()
145 {
146 document.getElementById("adrs").disabled = true;
147 document.getElementById("adrs2").disabled = true;
148 document.getElementById("adrs3").disabled = true;
149 document.getElementById("eircode").disabled = true;
150 document.getElementById("location").disabled = true;
151 document.getElementById("status").disabled = true;
152 document.getElementById("bid").disabled = true;
153 document.getElementById("price").disabled = true;
154 document.getElementById("viewing_times").disabled = true;
155 document.getElementById("buildings").disabled = true;
156 document.getElementById("acres").disabled = true;
157 document.getElementById("details").disabled = true;
158 document.getElementById("quotas").disabled = true;
159 document.getElementById("notes").disabled = true;
160 document.getElementById("ownerName").disabled = true;
161
162 //Enable the submit button when in amend mode
163 document.getElementById("submit").disabled = true;
164
165 document.getElementById("amendViewbutton").value = "Amend Details";
166 }
167
168
169
170 // Function filterAll() resets the listbox back to no filtered state
171 function filterAll()
172 {
173 var options = document.getElementById("listbox");
174 // Returns the value of the selected item in the listbox by going to the index in
175 // the listbox and calling .value
176 for(var i = 0; i < options.length; i++)
177 {
178 if(options[i].hidden)
179 {
180 options[i].hidden = false;
181 }
182 }
183 //Enable both buttons
184 document.getElementById("filterSold").disabled = false;
185 document.getElementById("filterNotSold").disabled = false;
186
187 // Function filterBySold() hides all options that are currently NOT SOLD
188 function filterBySold()
189 {
190 filterAll();
191 var options = document.getElementById("listbox");
192 var result;
193 // Returns the value of the selected item in the listbox by going to the index in
194 // the listbox and calling .value
195 for(var i =0; i < options.length; i++)
196 {
197 result = options.options[i].value;
198 // Split the details by using the # as a delimiter
199 var landDetails = result.split('#');
200 //Disable any property that is tagged with a 0 (meaning any properties NOT
201 //SOLD get disabled)
202 if(landDetails[4] == 0)
203 {
204 options[i].hidden = true;
```



```
205 //Disable filterSold button
206 document.getElementById("filterSold").disabled = true;
207 document.getElementById("filterNotSold").disabled = false;
208 }
209
210 //Function filterByNotSold() hides all elements that ARE SOLD or SALE AGREED
211 function filterByNotSold()
212 {
213 filterAll();
214 var options = document.getElementById("listbox");
215 var result;
216 // Returns the value of the selected item in the listbox by going to the index in
217 // the listbox and calling .value
218 for(var i =0; i < options.length; i++)
219 {
220 result = options.options[i].value;
221 // Split the details by using the # as a delimiter
222 var landDetails = result.split('#');
223 //Disable any properties that ARE sold or sale agreed
224 if(landDetails[4] != 0)
225 {
226 options[i].hidden = true;
227 }
228
229 //Disable filterNotSold button
230 document.getElementById("filterNotSold").disabled = true;
231 document.getElementById("filterSold").disabled = false;
232 }
233 }
```



## **view\_land.php**

```

1 1-- Name: Mark Lambert, Student ID: C00192497, Purpose: AmendView.php 12/2/2025 -->
2 <?php
3 session_start();
4 include '../db.inc.php';
5 date_default_timezone_set('UTC');
6
7 // $property_type = $_POST['property_type'];
8 // Concatenate the address into a single string w/ the delimiter ", ", but only if
9 // adrs2 isn't empty
10 if (!empty($_POST['adrs2'])) {
11 $adrs = $_POST['adrs'] . ", " . $_POST['adrs2'] . ", " . $_POST['adrs3'];
12 }
13 else
14 {
15 //Otherwise, we can assume that just the line 1 was input by the user
16 $adrs = $_POST['adrs'];
17 }
18 $eircode = $_POST['eircode'];
19 $location = $_POST['location'];
20 // $status = $_POST['status'];
21 $owner = $_POST['owner'];
22 $price = $_POST['price'];
23 $viewing_times = $_POST['viewing_times'];
24
25 // Land-Specific Details
26 $acres = $_POST['acres'];
27 $buildings = $_POST['buildings'];
28 $details = $_POST['details'];
29 $quotas = $_POST['quotas'];
30 $notes = $_POST['notes'];
31 $ownerName = $_POST['ownerName'];
32
33 // INSERT statement for the Property table
34 $propSQL = "UPDATE Property SET address = '$adrs',
35 eircode = '$eircode',
36 location = '$location',
37 asking_price = $price,
38 viewing_times = '$viewing_times' WHERE property_id = $_POST
39 [property_id]";
40
41 $landSQL = "UPDATE Land SET acres = $acres,
42 buildings = '$buildings',
43 residence_details = '$details',
44 quotas = $quotas,
45 notes = '$notes' WHERE land_id = $_POST[id]";
46
47 // Note, client_ID =
48 $clientsSQL = "UPDATE Client SET name = '$ownerName' WHERE client_ID = '$_POST['owner']]'";
49
50 // If there's a problem with the query
51 if (!mysqli_query($con, $propSQL))
52 {
53 die("There was an error with your Property Query: " . mysqli_error($con));
54 }
55 // Otherwise
56 else
57 {
58 // So long as AT LEAST 1 row was affected, we will execute the update
59 if (mysqli_affected_rows($con) != 0)
60 {
61 //Set the property_id session variable upon success
62 $_SESSION['property_id'] = $_POST['property_id'];
63 }
64 }
65
66 // If there's a problem with the query for LAND
67 if (!mysqli_query($con, $landSQL))
68 {
69 die("There was an error with your Land Property Query: " . mysqli_error($con));
70 }

```



```
69 }
70 // Otherwise
71 else{
72 // So long as AT LEAST 1 row was affected, we will execute the update
73 if(mysqli_affected_rows($con) !=0)
74 {
75 //Set the eircode session variable upon success
76 $_SESSION['eircode'] = $_POST['eircode'];
77 }
78 }
79
80 // If there's a problem with the query for CLIENT
81 if(!mysqli_query($con, $clientSQL))
82 {
83 die("There was an error with your Client Query: " . mysqli_error($con));
84 }
85 // Otherwise
86 else{
87 // So long as AT LEAST 1 row was affected, we will execute the update
88 if(mysqli_affected_rows($con) !=0)
89 {
90 //Set the client session var to 1, to use as a signifier that the client
91 //was updated also
92 //$_SESSION['client'] = 1;
93 //Set the eircode session variable upon success
94 $_SESSION['eircode'] = $_POST['eircode'];
95 }
96 }
97
98 header('Location: view_land.html.php');
99 mysqli_close($con);
100
101 ?>
102
103
```



## view\_land\_listbox.php

```
1 <!-- Name: Mark Lambert, Student ID: C00192497, Purpose: listbox.php 12/2/2025 -->
2 <?php
3 // Include php script that connects to the db
4 include ".../db.inc.php";
5 date_default_timezone_set('UTC');
6 // Prepare the statement for the SELECT query on LAND which INNER JOINS with the
7 // PROPERTY table where their property id's are equal respectively
8 //This gives us ALL info from the Land, Property and Client table by using two inner
9 joins, one from Property on Land, then from Client on Property
10 $sql = "SELECT Land.*, Property.*, Client.client_ID, Client.name FROM Land INNER
11 JOIN Property ON Land.property_id = Property.property_id INNER JOIN Client ON
12 Client.client_id = Property.owner WHERE Land.delete_flag= 0";
13
14 // Error handling, if a problem with the query, print a relevant message
15 if (!$result = mysqli_query($con, $sql))
16 {
17 // Die kills rest of script
18 die('Error in querying the database' . mysqli_error($con));
19 }
20
21
22 // Creates a dropdown list (<select>) with a id listbox, when the user clicks the
23 // dropdown the function populate() when a user is clicked
24 echo "
<select name = 'listbox' id = 'listbox' onclick = 'populate()'
25 required>";
26 // populate(), populates the forms inputboxes with further information from the
27 db about the person
28
29 //Adds a hidden option to the listbox, which is hidden and disabled so that the
30 //user can't accidentally add this to the D/B
31 //Purpose is to have a default selected value that displays a message asking user
32 //to select from the listbox
33 echo "<option value = 'none' selected disabled hidden selected>Select a Land
34 Property</option>";
35 // Iterate through the result set
36 while($row = mysqli_fetch_array($result))
37 {
38 // Property values
39 $type = $row['type'];
40 $address = $row['address'];
41 //Split the address into parts, so the user doesn't see the delimiter
42 $adrs = explode(',', ' ', $address);
43 //If the second result in the split array has a value, then concatenate all
44 //of the address for the lsitbox
45 if(!empty($adrs[1])){
46 $displayAdrs = $adrs[0] . ', ' . $adrs[1] . ', ' . $adrs[2];
47 }
48 else{
49 //Otherwise, we can assume that just the first result in the array has
50 //contents
51 $displayAdrs = $adrs[0];
52 }
53 $eircode = $row['eircode'];
54 $location = $row['location'];
55 $status = $row['status'];
56 $owner = $row['owner'];
57 $highest_bid = $row['highest_bid'];
58 $asking_price = $row['asking_price'];
59 $viewing_times = $row['viewing_times'];
60 $property_id = $row['property_id'];
61 // Then Land
62 $id = $row['land_id'];
63 $acres = $row['acres'];
64 $buildings = $row['buildings'];
65 $residence_details = $row['residence_details'];
66 $quotas = $row['quotas'];
67 $notes = $row['notes'];
68 $ownerName = $row['name'];
69 //Assign allText all of the values, separated by the delim '#'
70 $allText = "$type#$address#$eircode#$location#$status#$owner#$highest_bid#
71 $asking_price#$viewing_times#$property_id#$id#$acres#$ownerName#$buildings#
72 $residence_details#$quotas#$notes#";
```



```
59 // Assigns each field in the listbox with the values and displays each entry
59 // via their eircode
60 echo "<option value = '$allText'>$eircode ($displayAdrs)</option>";
61 }
62
63 // End the select (listbox)
64 echo "</select>";
65 // Close connection
66 mysqli_close($con);
67
68 ?>
```



# Land Property Report

## HTML Screenshot

Navigation sidebar:

- EstateFlow (Logo)
- Residential Property Report
- Land Property Report (selected)
- Office Property Report
- Bid Report
- Client Report
- Individual Client Report
- Sales Report
- Exit

**Land Reports**

[Order by Price](#) [Order by Acreage](#) [Owner Information](#)

	Property Number	Address	No. of Acres	Quotas	Residence Details	Status	Highest Bid	Asking Price
<input type="radio"/>	1	Carlow St, Carlow	2500.00	50	4 bedroom period residence in need of repair	Sale Agreed	56000.00	67000.00
<input type="radio"/>	12	Seaside Road, Cork	3500.00	100	2-bedroom coastal cottage with private beach access	For Sale	0.00	200000.00
<input type="radio"/>	38	The Ridge Enniscorthy Wexford	1199.00	134	2-bedroom vernacular cottage	For Sale	45000.00	320007.00
<input type="radio"/>	115	Palmgrove Lodge Dromneavane Kenmare, Co. Kerry	22540.00	230000	Large farm-house	For Sale	0.00	450000.00
<input type="radio"/>	111	Slane Castle Slane Meath	5500.00	1000	The castle	For Sale	0.00	550000.00
<input type="radio"/>	35	Greenhill Farm Ballyragget County Kilkenny	1800.00	42	3-bedroom farmhouse with modern kitchen extension	For Sale	0.00	650000.00



## reports.html.php

```
1 <!-- Estate Flow - Reports Page -->
2 <!-- Name: Mark Lambert
3 Student ID: C00192497
4 Purpose: Land Report Page
5 Date: March 2025
6 Estate Flow Y2 Project 2025-->
7 <!DOCTYPE html>
8 <html lang="en">
9
10 <head>
11 <!-- Sets title -->
12 <title>EstateFlow - Land Reports</title>
13 <meta charset="UTF-8">
14 <link rel="stylesheet" href="../menu.css">
15 <link rel="stylesheet" href="land.css">
16 <link rel="stylesheet" href="land_report.css">
17 <link rel="icon" type="image/x-icon" href="../images/icon.png">
18 </head>
19
20 <body>
21
22 <!-- Fixed Top Bar displaying the page title -->
23 <div class="topBar">EstateFlow</div>
24
25 <!-- Sidebar Navigation Menu -->
26 <div class="sidebar" id="mySidebar">
27 <!-- Logo Section inside Sidebar -->
28 <div class="logo">
29
30 </div>
31 <!-- Navigation Links -->
32 Residential Property Report
33 Land Property Report
34 Office Property Report
35 Bid Report
36 Client Report
37 Individual Client Report
38 Sales Report
39

40 Exit
41 </div>
```



## land\_report.html.php

```
1 <!-- Estate Flow - Land Report Page -->
2 <!-- Name: Mark Lambert
3 Student ID: C00192497
4 Purpose: Land Report Page
5 Date: March 2025
6 Estate Flow Y2 Project 2025-->
7 <!DOCTYPE html>
8
9 <html lang="en">
10
11 <head>
12 <!-- Sets title -->
13 <title>EstateFlow - Land Reports</title>
14 <meta charset="UTF-8">
15 <link rel="stylesheet" href="../menu.css">
16 <link rel="stylesheet" href="land.css">
17 <link rel="stylesheet" href="land_report.css">
18 <link rel="icon" type="image/x-icon" href="../images/icon.png">
19 </head>
20
21 <body>
22
23 <?php
24 include '../db.inc.php';
25 ?>
26
27 <!-- Fixed Top Bar displaying the page title -->
28 <div class="topBar">EstateFlow</div>
29
30 <!-- Sidebar Navigation Menu -->
31 <div class="sidebar" id="mySidebar">
32 <!-- Logo Section inside Sidebar -->
33 <div class="logo">
34
35 </div>
36 <!-- Navigation Links -->
37 Residential Property Report
38 Land Property Report
39 Office Property Report
40 Bid Report
41 Client Report
42 Individual Client Report
43 Sales Report
44 Return to Menu
45 </div>
46
47 <!-- Begin form, note, action loops back to current form, set to hidden -->
48 <form action = "land_report.html.php" method = "post" name = "reportForm" hidden>
49 <!-- Hidden input w/ name choice, used for determining which filter is active -->
50 <input type = "hidden" name = "choice">
51 </form>
52
53 <!-- Begin clientForm, note, action loops back to current form, set to hidden so doesn't interfere with interface -->
54 <form action = "land_report.html.php" method = "post" name = "clientForm" hidden>
55 <!-- Hidden input w/ name choice, used for determining which filter is active -->
56 <input type = "hidden" name = "clientInfo">
57 </form>
58
59 <!-- Main Content Area -->
60 <div class="content">
61
62 <!-- Div for styling report -->
63 <div class = "report">
64 <h1>Land Reports</h1>
```



```
65 <!-- Div for styling buttons -->
66 <div class = "myButton">
67 <!-- Button to filter by PRICE -->
68 <input type = "button" id = "priceButton" value = "Order by Price" onclick
69 = "priceOrder()" title="Click here to see the Land table in Ascending
70 Price order">
71 <!-- Button to filter by ACRES -->
72 <input type = "button" id = "acreButton" value = "Order by Acreage"
73 onclick = "acreOrder()" title="Click here to see the Land table in
74 Ascending Acreage order">
75 <!-- Button, initially disabled, to get info on a client who owns a
76 property -->
77 <input type = "button" id = "clientButton" value = "Owner Information"
78 onclick = "clientInformation()" title="Click here to see the information
79 on a Client who owns a selected Land Property" disabled>
80 </div>
81

82
83 <!-- Begin javascript for filtering and client info buttons -->
84 <script>
85 //Super variable to track if the radio button has been clicked
86 var client = null;
87 // Function acreOrder, sets the buttons value to acre and submits the
88 // form that the button is in, therin applying the filter
89 function acreOrder()
90 {
91 document.reportForm.choice.value = "Acre";
92 document.reportForm.submit();
93 }
94
95 // Filter by price
96 function priceOrder()
97 {
98 document.reportForm.choice.value = "Price";
99 document.reportForm.submit();
100 }
101
102 //When radio button is clicked, assign the super variable the client
103 //id and enable the button
104 function selectProperty(clientID)
105 {
106 client = clientID;
107 document.getElementById("clientButton").disabled = false;
108 }
109
110 //If the super var has been set and user pressed button, submit form
111 function clientInformation()
112 {
113 if(client !== null)
114 {
115 document.clientForm.clientInfo.value = client;
116 document.clientForm.submit();
117 }
118 }
119
120 //End Javascript
121 </script>
122
123 <!-- Begin php for default choice-->
124 <?php
125 // Var choice initialised to "Price", as filtering by Price will
126 // serve as the default
127 $choice = "Price";
128
129 // If the filter has been set (the javascript to insert the value
130 // into the choice field has been triggered ie, button has been clicked)
131 // then set out variable to be the value of POSTchoice
132 if(ISSET($_POST['choice']))
133 {
134 $choice = $_POST['choice'];
135 }
136
137 //If the client report form has been submitted, then the user has
138 //clicked the button
```



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171
172
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174
175
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177
178
179
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182
183
184
185

 IF (ISSET($_POST['clientInfo']))
 {
 $sqlClient = "SELECT Client.* FROM Client INNER JOIN Property ON
 Property.owner = Client.client_id WHERE client_id = " . $_POST[
 'clientInfo'];
 produceClientReport($con, $sqlClient);
 }

 // Event where Choice = Price
 if ($choice == "Price")
 {
 //End php
 ?>

 <!-- Enable the acre button, so that now the user may only switch
 to filter by acre as Price is active -->
 <script>
 document.getElementById("acreButton").disabled = false;
 document.getElementById("priceButton").disabled = true;
 </script>

 <!-- Begin php for default choice select statement -->
 <?php
 // Prepare the SQL statement for execution, produceReport() then
 handles the execution
 $sql = "SELECT * FROM Land INNER JOIN Property ON Land.property_id =
 Property.property_id WHERE Land.delete_flag = 0 AND Property.status
 != 2 ORDER BY asking_price ASC";
 produceReport($con, $sql);
 }
 // End if for Price

 //Event for choice being Acre
 if ($choice == "Acre")
 {
 //End php
 ?>

 <!-- Begin script to disable acre button -->
 <script>
 document.getElementById("acreButton").disabled = true;
 document.getElementById("priceButton").disabled = false;
 </script>

 <!-- Begin php for ACRE filter-->
 <?php
 //Prepare the statement for execution for filtering by acres
 $sql = "SELECT * FROM Land INNER JOIN Property ON
 Land.property_id = Property.property_id WHERE
 Land.delete_flag = 0 AND Property.status != 2 ORDER BY
 acres ASC";
 produceReport($con, $sql);
 }

 // Function produceReport, ehco's out the structure of the report, then
 executes SQL and echo's out the results all using CLIENT SIDE RENDERING
 function produceReport($con, $sql)
 {
 $result = mysqli_query($con, $sql);

 echo "<table>
 <tr><th> </th>
 <th>Property Number</th>
 <th>Address</th>
 <th>No. of Acres</th>
 <th>Quotas</th>
 <th>Residence Details</th>
 <th>Status</th>
 <th>Highest Bid</th>
 <th>Asking Price</th></tr>";
 }
 </pre>
```



```
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199
200
201
202
203
204
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207
208
209
210
211
212
213 //Function to produce a small report on a client when button is clicked
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
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241
```

```
while($row = mysqli_fetch_array($result))
{
 if($row['status'] == 0)
 {
 $status = "For Sale";
 }
 else if($row['status'] == 1)
 {
 $status = "Sale Agreed";
 }
 //Echo out a radio button for each property, that when selected
 //will be used to display client info via the owner field
 echo "<td><input type='radio' name='property'
 onclick='selectProperty(" . $row['owner'] . ")'></td>
 <td>" . $row['property_id'] . "</td>
 <td>" . $row['address'] . "</td>
 <td>" . $row['acres'] . "</td>
 <td>" . $row['quotas'] . "</td>
 <td>" . $row['residence_details'] . "</td>
 <td>" . $status . "</td>
 <td>" . $row['highest_bid'] . "</td>
 <td>" . $row['asking_price'] . "</td>
 </tr>";
}
echo "</table>";
}

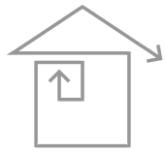
//Function to produce a small report on a client when button is clicked
function produceClientReport($con, $sql)
{
 $result = mysqli_query($con, $sql);
 if(!$result)
 {
 die("Error with your statement" . mysql_error($con));
 }

 $row = mysqli_fetch_array($result);

 echo "<script>
 alert('Client Name: " . $row['name'] .
 "\nEmail: " . $row['email'] .
 "\nPhone No: " . $row['phone_no'] .
 "\nAddress: " . $row['address'] .
 "\nEircode: " . $row['eircode'] . ');
 </script>";
}

mysqli_close($con);
?>
</div>
</div>

</body>
</html>
```



## report.css

```
1 /*Mark Lambert C00192497, Report CSS, EstateFlow Y2 2025 */
2 th, td{
3 text-align: left;
4 padding: 20px;
5 }
6
7 /* Targets all table headings */
8 th{
9 background-color: #05c98b;
10 color: white;
11 }
12
13 /* When hovered over a row, change colour */
14 tr:hover {
15 background-color: #f1f1f1;
16 }
17
18 /* Change colour of data cells */
19 td {
20 color: #555;
21 }
```



## land.css

```
1 /* Estate Flow - add_land style sheet */
2 /*Name; Mark Lambert
3 Student ID: C00192497
4 Purpose: CSS used throughout all LAND property pages
5 Date: February 2025
6 EsateFlow - Project Y2 2025*/
7 form, .report{
8 /* Form width is 70% of the main content area */
9 width: 70%;
10 /* Margin auto = center */
11 margin: auto;
12 border-width: 4px;
13 border-radius: 5px;
14 font-size: large;
15 }
16
17 /*Allow report to be 100% width so information is easier to read*/
18 .report{
19 width: 100%;
20 }
21
22 /* Target form, h1 and fieldset elements and apply a shadow, creating a 3D, stacked,
23 dynamic website feel */
24 form, h1, fieldset{
25 /* Box shadow for blurred effect, 5px horizontal and vertical shadow, 5px blur
26 and a color of black*/
27 box-shadow: 5px 5px 5px 5px rgba(75, 74, 74, 0.103);
28 }
29
30 /* Width of each fieldset is 50% (two fieldsets, both take up half of the form each)
*/
31 fieldset{
32 width: 50%;
33 border-style: solid;
34 /* Set border colour to green */
35 border-color: #05c98b;
36 /* Set fieldset text to green */
37 color: #05c98b;
38 border-radius: 4px;
39 font-weight: bold;
40 }
41 h1{
42 text-align: center;
43 /* Set h1 background = green */
44 background-color:#05c98b;
45 border-radius: 5px;
46 /* Set font colour white */
47 color: white;
48 }
49
50
51
52 /* Add a uniform padding to all relevant elements within form (note .button is for
53 the text within button to make a larger button) */
54 form, h1, .inputbox, .date, .button, .owner-listbox, .view-listbox, .report{
55 padding: 20px;
56 }
57
58 /* Changes apperance of all input fields for elements with class inputbox and
59 owner-listbox */
60 .inputbox input, select{
61 border-style: solid;
62 border-radius: 4px;
63 /* Removes the bold outline from textbox when cursor is focused to element */
64 outline: none;
65 /* Set width of each inputbox to be 70% of the fieldset */
66 width: 90%;
67 height: 40px;
68 font-size: large;
69 }
```



```
69 .myButton{
70 text-align: center;
71 padding: 20px;
72 }
73
74 /* Alters appearance of all button elements */
75 .myButton input{
76 /* Button background colour to green */
77 background-color:#05c98b;
78 /* Text color to white */
79 color: white;
80 font-size: large;
81 border-style: none;
82 border-radius: 5px;
83 }
84
85 /* Changes background colour to LIGHT GREY when hovered over button */
86 .myButton input:hover{
87 background-color:rgba(13, 53, 48, 0.637);
88 }
89
90 /* Makes all contents within the form flex items and adds a space evenly between all
91 items*/
92 .formContainer{
93 display: flex;
94 justify-content: space-evenly;
95 }
96
97 /* Change disabled buttons to greyed out colour */
98 .myButton input:disabled{
99 background-color:rgba(13, 53, 48, 0.301);
100 }
101 /* Style all listboxes*/
102 .owner-listbox, .view-listbox{
103 text-align: center;
104 margin: 0 auto; /* Center horizontally */
105 width: 50%;
106 padding: 0px; /*Reduce Padding produced by h2*/
107 }
108
109 /* Sets label text colour to black*/
110 .inputbox label{
111 color:black;
112 }
113
114 /* Sets the asterisk to a bold red for all required fields*/
115 .required {
116 color: red;
117 font-weight: bold;
118 }
```



# Adam Noonan

## Deal with Bids Menu HTML

```
1 <!-- Estate Flow - Deal with Bids page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Deal with Bids</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10
11 </head>
12 <body>
13
14 <!-- Fixed Top Bar displaying the page title -->
15 <div class="topBar">EstateFlow</div>
16
17 <!-- Sidebar Navigation Menu -->
18 <div class="sidebar">
19 <!-- Logo Section inside Sidebar -->
20 <div class="logo">
21
22 </div>
23 <!-- Navigation Links -->
24 Make a Bid
25 Withdraw a Bid
26 Return to Menu
27 </div>
28
29 <!-- Main Content Area -->
30 <div class="content">
31 <h2>Deal with Bids</h2>
32 </div>
33
34 </body>
35 </html>
```



## Client Maintenance Menu HTML

```
1 <!-- Estate Flow - Client Maintenance Page -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <!-- Sets title -->
6 <title>EstateFlow - Client Maintenance</title>
7 <meta charset="UTF-8">
8 <link rel="stylesheet" href="menu.css">
9 <link rel="icon" type="image/x-icon" href="images/icon.png">
10
11 </head>
12 <body>
13
14 <!-- Fixed Top Bar displaying the page title -->
15 <div class="topBar">EstateFlow</div>
16
17 <!-- Sidebar Navigation Menu -->
18 <div class="sidebar">
19 <!-- Logo Section inside Sidebar -->
20 <div class="logo">
21
22 </div>
23 <!-- Navigation Links -->
24 Add a New Client
25
26 Delete a
27 Client
28
29 Amend/View a Client
30 Return to Menu
31 </div>
32
33 <!-- Main Content Area -->
34 <div class="content">
35 <h2>Client Maintenance</h2>
36 </div>
37
38 </body>
39 </html>
```



## Add a New Client

### HTML Screenshot

EstateFlow

### Add a New Client

**Client Details**

Name  
Dave Seville

Address  
11 location St, Carlow

Eircode  
A11 B2C3

Phone Number  
1112223333

Email  
example@mail.com

Buyer

Seller

**submit** **Clear**

**Add a New Client**

**Delete a Client**

**Amend/View a Client**

**Return to Menu**



## addClient.html.php

```
1 <!--NAME: Adam Noonan -->
2 <!--NUMBER: C00299231 -->
3 <!--FILE: addClient.html -->
4
5 <?php include "../clientHead.php";?>
6
7 <!-- Main Content Area -->
8 <div class="content">
9 <!--linked javascript-->
10 <script src="addClient.js"></script>
11 <h1>Add a New Client</h1>
12 <form name="clientForm" class="mainForm" action="addClient.php" method="Post" onsubmit=
13 "return validateForm()">
14
15 <fieldset>
16 <legend>Client Details</legend>
17
18 <!--name-->
19 <div class="field">
20 <label for="name">Name</label>
21 <input class="clientFields" type="text" name="name" id="name" pattern="[^']*"
22 placeholder="Dave Seville" autocomplete=off required title="Apostrophes (')
23 are disallowed"/>
24 </div>
25
26 <!--address-->
27 <div class="field">
28 <label for="address">Address</label>
29 <input class="clientFields" type="text" name="address" id="address" pattern=
30 "[^']*" placeholder="11 location St, Carlow" autocomplete=off required title=
31 "Apostrophes (') are disallowed"/>
32 </div>
33
34 <!--eircode-->
35 <div class="field">
36 <label for="eircode">Eircode</label>
37 <input class="clientFields" type="text" name="eircode" id="eircode" pattern=
38 "[a-zA-Z][0-9]{2}[-]{0,1}[a-zA-Z0-9]{4}" placeholder="A11 B2C3" autocomplete=
39 off required title="7 characters, case insensitive, space optional"/>
40 </div>
41
42 <!--phone no-->
43 <div class="field">
44 <label for="phone_no">Phone Number</label>
45 <input class="clientFields" type="text" name="phone_no" id="phone_no" pattern=
46 "[0-9]*" placeholder="1112223333" autocomplete=off required title="Full phone
47 no. without spaces"/>
48 </div>
49
50 <!--email-->
51 <div class="field">
52 <label for="email">Email</label>
53 <input class="clientFields" type="text" name="email" id="email" pattern=
54 "[^']*@[^']" placeholder="example@mail.com" autocomplete=off required title=
55 "Regular email address. At the least, an @ symbol surrounded by other
56 characters"/>
```



```
 off/>>
57 </div>
58 </fieldset>
59
60 <!--buttons-->
61 <div class="buttons">
62 <input class="myButton" type="submit" value="submit"/>
63 <input class="myButton" type="reset" value="Clear"/>
64 </div>
65 </form>
66 </div>
67 </body>
68 </html>
```

## addClient.js

```
1 //NAME: Adam Noonan
2 //NUMBER: C00299231
3 //FILE: addClient.js
4
5 // init values
6 document.title = "EstateFlow - Add a New Client";
7 document.getElementById("addLink").className = "button selected";
8
9 // confirm form entry
10 function validateForm()
11 {
12 // validation success: confirm
13 return confirm("Are you sure you wish to add this client?");
14 }
```



## addClient.php

```
1 <?php
2
3 //NAME: Adam Noonan
4 //NUMBER: C00299231
5 //FILE: addClient.php
6
7 // include database connection file
8 include '../db.inc.php';
9
10 // set timezone
11 date_default_timezone_set("UTC");
12
13 include "../clientHead.php";
14
15 // print header
16 echo "<!-- Main Content Area -->
17 <div class='content'>
18 <h1>Add a New Client</h1>
19 <!--form w/ submit button-->
20 <form class='mainForm' action = 'addClient.html.php' method = 'POST' >";
21
22 // get int values from bools
23 $isBuyer = (int)isset($_POST['buyer']);
24 $isSeller = (int)isset($_POST['seller']);
25
26 // set up sql statement
27 $sql = "Insert into Client (name, address, eircode, phone_no, email, buyer, seller)
28 VALUES ('$_POST[name]','$_POST[address]','$_POST[eircode]','$_POST[phone_no]','$_POST
[email]','$isBuyer','$isSeller')";
29
30 // error check for bad sql
31 if(!mysqli_query($con,$sql))
32 {
33 die("An error in the SQL query: " . mysqli_error($con));
34 }
35
36 // print successful result
37 echo "
A record has been added for " . $_POST['name'] . ".";
38
39 // end connection
40 mysqli_close($con);
41
42 ?>
43 <!--closing html values-->
44

45

46 <input class="myButton" type="submit" value="Return"/>
47 </form>
48
49 </div>
50 </body>
51 </html>
```



## Amend/View a Client

**EstateFlow**

### Amend/View a Client

Select Client

Client Details

Client id

Name

Address

Eircode

Phone No

Email



## amendViewClient.html.php

```
1 <!--NAME: Adam Noonan -->
2 <!--NUMBER: C00299231 -->
3 <!--FILE: amendViewClient.html.php -->
4
5 <?php include "../clientHead.php";?>
6
7 <!-- Main Content Area -->
8 <div class="content">
9 <script src="amendViewClient.js"></script>
10 <h1>Amend/View a Client</h1>
11
12 <form class="mainForm" name="amendViewForm" action="amendViewClient.php" method="Post"
13 onsubmit="return validateForm()">
14
15 <div class="field listBox">
16 <?php include 'amendViewClient-listBox.php';?>
17 </div>
18

19 <div class="buttons">
20 <input type="button" value="View Details" id="amendViewButton" class="myButton"
21 onclick="toggleLock()">
22 </div>
23
24 <fieldset>
25 <legend>Client Details</legend>
26 <!--client_id-->
27 <div class="field">
28 <label for="client_id">Client id</label>
29 <input type="text" name="client_id" id="client_id" readonly required class=
30 "canPopulate" <!--cannot toggleLock-->
31 </div>
32
33 <!--name-->
34 <div class="field">
35 <label for="name">Name</label>
36 <input type="text" name="name" id="name" readonly class="canPopulate
37 canToggleLock" required pattern="[^']*" title="Apostrophes ('') are disallowed">
38 </div>
39
40 <!--address-->
41 <div class="field">
42 <label for="address">Address</label>
43 <input type="text" name="address" id="address" readonly class="canPopulate
44 canToggleLock" required pattern="[^']*" title="Apostrophes ('') are disallowed">
45 </div>
46
47 <!--eircode-->
48 <div class="field">
49 <label for="eircode">Eircode</label>
50 <input type="text" name="eircode" id="eircode" readonly class="canPopulate
51 canToggleLock" required pattern="[a-zA-Z][0-9]{2}[-]{0,1}[a-zA-Z0-9]{4}" title=
52 "7 characters, case insensitive, space optional">
53 </div>
54
55 <!--phone_no-->
56 <div class="field">
57 <label for="phone_no">Phone No</label>
58 <input type="text" name="phone_no" id="phone_no" readonly class="canPopulate
59 canToggleLock" required pattern="[^0-9]*" title="Full phone no. without spaces">
60 </div>
61
62 <!--email-->
63 <div class="field">
64 <label for="email">Email</label>
65 <input type="text" name="email" id="email" readonly class="canPopulate
66 canToggleLock" required pattern="[^@]+@[^.]+[^@]" title="Regular email address. At the
67 least, an @ symbol surrounded by other characters">
68 </div>
69 </fieldset>
```



## amendViewClient.js

```
1 //NAME: Adam Noonan
2 //NUMBER: C00299231
3 //FILE: amendViewClient.js
4
5 // set page-specific values on page load
6 document.title = "EstateFlow - Amend/View a Client";
7 document.getElementById("amendLink").className = "button selected";
8
9 // function to validate form inputs
10 function validateForm()
11 {
12 return confirm("Are you sure you want to submit?");
13 }
14
15 // place relevant values in fields based on listbox selection
16 function populate()
17 {
18 // get listbox
19 var sel = document.getElementById("clientBox");
20 // get values from listbox
21 var result = sel.options[sel.selectedIndex].value;
22
23 // no action for default value
24 if(result == "")
25 {
26 return;
27 }
28
29 // convert values to array by delimiter
30 var personDetails = result.split(';!');
31
32 // grab elements by class
33 var entries = document.querySelectorAll(".canPopulate");
34
35 // place values in fields with loop
36 for(var i = 0; i < entries.length; i++)
37 {
38 entries[i].value = personDetails[i];
39 }
40 }
41
42 function toggleLock()
43 {
44 // grab elements by class
45 var items = document.querySelectorAll(".canToggleLock");
46
47 // get boolean value
48 var newToggleValue = (document.getElementById("amendViewButton").value == "Amend Details")
49
50 if(newToggleValue) // if new value is view
51 {
52 // set values with loop
53 for(var i = 0; i < items.length; i++)
54 {
55 items[i].setAttribute('readonly', true);
56 }
57 amendViewButton.value = "View Details";
58 }
59 else // if new value is amend
60 {
61 // set values with loop
62 for(var i = 0; i < items.length; i++)
63 {
64 items[i].removeAttribute('readonly');
65 }
66 amendViewButton.value = "Amend Details";
67 }
68 }
```



## amendViewClient.php

```
1 <?php
2
3 //NAME: Adam Noonan
4 //NUMBER: C00299231
5 //FILE: amendViewClient.php
6
7 // include database connection file
8 include '../../db.inc.php';
9
10 // set timezone
11 date_default_timezone_set("UTC");
12
13 include "../clientHead.php";
14
15 // print header
16 echo "<!-- Main Content Area -->
17 <div class='content'>
18 <h1>Amend/View a Client</h1>
19
20 <!--option to return-->
21 <form class='mainForm' action='amendViewClient.html.php' method='post'>";
22
23 // prepare statement
24 $sql = "UPDATE Client SET
25 name = '$_POST[name]',
26 address = '$_POST[address]',
27 eircode = '$_POST[eircode]',
28 phone_no = '$_POST[phone_no]',
29 email = '$_POST[email]'
30
31 WHERE client_id = '$_POST[client_id]'";
32
33
34 // catch error
35 if(!mysqli_query($con,$sql))
36 {
37 echo "Error " . mysqli_error($con);
38 }
39 else // success
40 {
41 if(mysqli_affected_rows($con) != 0)
42 {
43 // success
44 echo "Entry matching client id " . $_POST['client_id'] . " has been updated
45 successfully.";
46 }
47 else
48 {
49 // no effect
50 echo "
No records were changed.";
51 }
52
53 // close connection
54 mysqli_close($con);
55 ?>
56
57

58 <input class="myButton" type="submit" value="Return">
59 </form>
60
61 </div>
62 </form>
63 </div>
64 </body>
65 </html>
```



## amendViewClient-listbox.php

```
1 <?php
2
3 //NAME: Adam Noonan
4 //NUMBER: C00299231
5 //FILE: amendViewClient-listbox.php
6
7 // connection file
8 include "../db.inc.php";
9
10 //-----BOX 1
11 // prepare statement
12 $sql = "SELECT
13 client_id, name, address, eircode, phone_no, email
14 FROM Client
15 WHERE delete_flag = 0";
16
17 // error catch for bad connection
18 if(!$result = mysqli_query($con, $sql))
19 {
20 die("Error in querying the database" . mysqli_error($con));
21 }
22
23 // place listbox on page
24 echo "
<select name='clientBox' id='clientBox' onclick='populate()'>";
25 echo "<option value='' selected disabled hidden>Select Client</option>";
26
27 // fetch array from query result
28 while ($row=mysqli_fetch_array($result))
29 {
30 $id = $row['client_id'];
31 $name = $row['name'];
32 $address = $row['address'];
33 $eircode = $row['eircode'];
34 $phoneNo = $row['phone_no'];
35 $email = $row['email'];
36
37 $fullValue = "$id;$name;$address;$eircode;$phoneNo;$email";
38
39 // place option tag
40 echo "<option value='$fullValue'$name</option>";
41 }
42 // close select tag
43 echo "</select>";
44
45 // close connection
46 mysqli_close($con);
```



## Delete a Client

EstateFlow

### Delete a Client

Select Client

Client Details

Client ID

Client Name

Client Address

Client Eircode

Client Phone Number

Client Email

submit

Clear

Add a New Client

Delete a Client

Amend/View a Client

Return to Menu



## deleteClient.html.php

```
1 <!--NAME: Adam Noonan -->
2 <!--NUMBER: C00299231 -->
3 <!--FILE: deleteClient.html.php -->
4
5 <?php include "../clientHead.php";?>
6
7 <!-- Main Content Area -->
8 <div class="content">
9
10 <!--Header-->
11 <h1>Delete a Client</h1>
12
13 <!--linked javascript-->
14 <script src="deleteClient.js"></script>
15 <form name="deleteClientForm" class="mainForm" action="deleteClient.php" method="Post"
onsubmit="return validateForm()">
16
17 <!--name-->
18 <div class="field listBox">
19 <?php include "deleteClient-listBox.php";?>
20 </div>
21 <fieldset>
22 <legend>Client Details</legend>
23 <!------->
24
25 <!--num-->
26 <div class="field">
27 <label for="client_id">Client ID</label>
28 <input class="canPopulate" type="text" id="client_id" name="client_id"
readonly>
29 </div>
30
31 <!--name-->
32 <div class="field">
33 <label for="name">Client Name</label>
34 <input class="canPopulate" type="text" id="name" name="name" readonly>
35 </div>
36
37 <!--address-->
38 <div class="field">
39 <label for="address">Client Address</label>
40 <input class="canPopulate" type="text" id="address" name="address" readonly>
41 </div>
42
43 <!--eircode-->
44 <div class="field">
45 <label for="eircode">Client Eircode</label>
46 <input class="canPopulate" type="text" id="eircode" name="eircode" readonly>
47 </div>
48
49 <!--phone num-->
50 <div class="field">
51 <label for="phone_no">Client Phone Number</label>
52 <input class="canPopulate" type="text" id="phone_no" name="phone_no" readonly>
53 </div>
54
55 <!--email address-->
56 <div class="field">
57 <label for="email">Client Email</label>
58 <input class="canPopulate" type="text" id="email" name="email" readonly>
59 </div>
60
61 <p id="warning">
62
63 </p>
64
65 </fieldset>
66 <!------->
67
```



## deleteClient.js

```
1 // NAME: Adam Noonan
2 // NUMBER: C00299231
3 // FILE: deleteClient.js
4
5 // set page-specific values on page load
6 document.title = "EstateFlow - Delete a Client";
7 document.getElementById("deleteLink").className = "button selected";
8
9 // function to validate form inputs
10 function validateForm()
11 {
12
13 // get element
14 let clientBox = document.getElementById("clientBox");
15
16 // no client selected
17 if(clientBox.value == "default")
18 {
19 alert("A client must be selected!");
20 return false;
21 }
22
23 // one last check for user
24 return confirm("Are you sure you want to submit?");
25 }
26
27 // populate form with values
28 function populateForm()
29 {
30 // get entire result as delimited string
31 var sel = document.getElementById("clientBox");
32 var result = sel.options[sel.selectedIndex].value;
33
34 // no action for default value
35 if(result=="")
36 {
37 return;
38 }
39
40 // delimited string to array
41 var clientDetails = result.split(';!');
42
43 // fields array
44 var clientFields = document.querySelectorAll(".canPopulate");
45
46 // place values in fields
47 for(let i = 0; i < clientDetails.length; i++)
48 {
49 clientFields[i].value = clientDetails[i];
50 }
51
52 // get relevant bids/properties and notify user if they exist
53 // get uid
54 let id = document.getElementById("client_id").value;
55 let hiddenValue = document.querySelector("#hasBidsProperties").innerHTML;
56
57 let relevantIDs = hiddenValue.split(" ");
58
59 if(relevantIDs.includes(id))
60 {
61 document.getElementById("warning").textContent = "WARNING: This client has pending
62 bids and/or properties. by deleting them, you will also delete these bids/properties."
63 }
64 else
65 {
66 document.getElementById("warning").textContent = ""
67 }
68 }
69
70 function clearForm()
71 {
72 document.getElementById("warning").textContent = "";
73 }
```



## deleteClient.php

```
1 <?php
2
3 // NAME: Adam Noonan
4 // NUMBER: C00299231
5 // FILE: deleteClient.php
6
7 // include database connection file
8 include '../db.inc.php';
9
10 // set timezone
11 date_default_timezone_set("UTC");
12
13 include "../clientHead.php";
14
15 // print header
16 echo "<!-- Main Content Area -->
17 <div class='content'>
18 <h1>Delete a Client</h1>
19 <!--form w/ submit button-->
20 <form class='mainForm' action = 'deleteClient.html.php' method = 'POST' >";
21
22 //-----SQL STATEMENTS
23 $sqlClient = "UPDATE Client
24 SET delete_flag = 1
25 WHERE client_id = '$_POST[client_id]'";
26
27 $sqlBid = "UPDATE Bid
28 SET delete_flag=1
29 WHERE client_id = '$_POST[client_id]'";
30
31 $sqlProperty = "UPDATE Property
32 SET delete_flag=1
33 WHERE owner = '$_POST[client_id]'";
34
35
36 //-----EXECUTE STATEMENTS
37 // error check for bad sql
38 if(!mysqli_query($con,$sqlClient))
39 {
40 die("An error in the SQL query: " . mysqli_error($con));
41 }
42 if(!mysqli_query($con,$sqlBid))
43 {
44 die("An error in the SQL query: " . mysqli_error($con));
45 }
46 if(!mysqli_query($con,$sqlProperty))
47 {
48 die("An error in the SQL query: " . mysqli_error($con));
49 }
50
51 // print successful result
52 echo "
'$_POST[name]' has been deleted.";
53 echo "
All their bids & properties have also been removed.";
54
55 // end connection
56 mysqli_close($con);
57
58 ?>
59
60

61

62 <input class="myButton" type="submit" value="Return"/>
63 </form>
64
65 </div>
66 </form>
67 </div>
68 </body>
69 </html>
```



## deleteClient-listbox.php

```
1 <?php
2
3 // NAME: Adam Noonan
4 // NUMBER: C00299231
5 // FILE: deleteClient-listbox.php
6
7 // connection file
8 include "../../db.inc.php";
9
10 //-----BOX 1
11 // prepare statement
12 $sql = "SELECT client_id, name, address, eircode, phone_no, email
13 FROM Client
14 WHERE delete_flag = 0";
15
16 // error catch for bad connection
17 if(!$result = mysqli_query($con, $sql)){
18 die("Error in querying the database" . mysqli_error($con));
19 }
20
21 // place listbox on page
22 echo "
";
23 echo "<select name='clientBox' id='clientBox' onclick='populateForm()'>";
24 echo "<option value='' selected disabled hidden>Select Client</option>";
25
26 // fetch array from query result
27 while ($row=mysqli_fetch_array($result)){
28 $id = $row['client_id'];
29 $name = $row['name'];
30 $address = $row['address'];
31 $eircode = $row['eircode'];
32 $phone_no = $row['phone_no'];
33 $email = $row['email'];
34
35 $allText = "$id;$name;$address;$eircode;$phone_no;$email";
36
37 // place option tag
38 echo "<option value='$allText'>$name</option>";
39 }
40 // close select tag
41 echo "</select>";
42
43 //-----FIND CONNECTED BIDS/PROPERTIES
44
45 $clientIDs = "";
46
47 $sqlBids = "SELECT client_id FROM Bid
48 WHERE delete_flag = 0";
49 // error catch for bad connection
50 if(!$resultBids = mysqli_query($con, $sqlBids)){
51 die("Error in querying the database" . mysqli_error($con));
52 }
53 while ($rowBids=mysqli_fetch_array($resultBids)){
54 $clientIDs = $clientIDs . " " . $rowBids['client_id'];
55 }
56
57 $sqlProps = "SELECT owner FROM Property
58 WHERE delete_flag = 0";
59 // error catch for bad connection
60 if(!$resultProps = mysqli_query($con, $sqlProps)){
61 die("Error in querying the database" . mysqli_error($con));
62 }
63 while ($rowProps=mysqli_fetch_array($resultProps)){
64 $clientIDs = $clientIDs . " " . $rowProps['owner'];
65 }
66
67 // $clientIDs now contains ALL relevant IDs, separated by spaces.
68
69
70 echo "<div id='hasBidsProperties' hidden>$clientIDs</div>";
71
72 // close connection
73 mysqli_close($con);
```



## Make a Bid

EstateFlow



Make a Bid

Withdraw a Bid

Return to Menu

### Make a Bid

Select Client

Select Property

#### Client Details-

Client Id

Client Name

Client Address

Client Eircode

Client Phone

Client Email

#### Property Details—

Property Id

Property Address

Property Eircode

Location

Highest Bid

Asking Price

Viewing Times

Type

Amount

100.00

Date

dd/mm/yyyy

submit

Clear



## makeBid.html.php

```
1 <!--NAME: Adam Noonan-->
2 <!--NUMBER: C00299231-->
3 <!--FILE: Make Bid main file-->
4
5 <?php include "../bidHead.php";?>
6
7 <!-- Main Content Area -->
8 <div class="content">
9 <!--linked javascript-->
10 <script src="makeBid.js"></script>
11
12 <form name="makeBidForm" class="mainForm" action="makeBid.php" method="Post" onsubmit=
13 "return validateForm()">
14
15 <h1>Make a Bid</h1>
16
17 <?php include "makeBid-listBox.php";?>
18
19 <div class="formContainer">
20
21 <!--client box fields-->
22 <fieldset id="clientFieldset">
23 <legend>Client Details</legend>
24 <div class="field">
25 <label for="client_id">Client Id</label>
26 <input type="text" name="client_id" id="client_id" class="clientFields"
27 autocomplete=off readonly/>
28 </div>
29 <div class="field">
30 <label for="name">Client Name</label>
31 <input type="text" name="name" id="name" class="clientFields" autocomplete=off
32 readonly/>
33 </div>
34 <div class="field">
35 <label for="cAddress">Client Address</label>
36 <input type="text" name="cAddress" id="cAddress" class="clientFields"
37 autocomplete=off readonly/>
38 </div>
39 <div class="field">
40 <label for="cEircode">Client Eircode</label>
41 <input type="text" name="cEircode" id="cEircode" class="clientFields"
42 autocomplete=off readonly/>
43 </div>
44 <div class="field">
45 <label for="phone_no">Client Phone</label>
46 <input type="text" name="phone_no" id="phone_no" class="clientFields"
47 autocomplete=off readonly/>
48 </div>
49 <div class="field">
50 <label for="email">Client Email</label>
51 <input type="text" name="email" id="email" class="clientFields" autocomplete=
52 off readonly/>
53 </div>
54 </fieldset>
55
56 <!--property box fields-->
57 <fieldset id="propertyFieldset">
58 <legend>Property Details</legend>
59 <div class="field">
60 <label for="property_id">Property Id</label>
61 <input type="text" name="property_id" id="property_id" class="propertyFields"
62 autocomplete=off readonly/>
63 </div>
64 <div class="field">
65 <label for="pAddress">Property Address</label>
66 <input type="text" name="pAddress" id="pAddress" class="propertyFields"
67 autocomplete=off readonly/>
68 </div>
69 <div class="field">
```



```
61 <label for="pEircode">Property Eircode</label>
62 <input type="text" name="pEircode" id="pEircode" class="propertyFields"
63 autocomplete=off readonly/>
64 </div>
65 <div class="field">
66 <label for="location">Location</label>
67 <input type="text" name="location" id="location" class="propertyFields"
68 autocomplete=off readonly/>
69 </div>
70 <div class="field">
71 <label for="highest_bid">Highest Bid</label>
72 <input type="text" name="highest_bid" id="highest_bid" class="propertyFields"
73 autocomplete=off readonly/>
74 </div>
75 <div class="field">
76 <label for="asking_price">Asking Price</label>
77 <input type="text" name="asking_price" id="asking_price" class="propertyFields"
78 autocomplete=off readonly/>
79 </div>
80 <div class="field">
81 <label for="viewing_times">Viewing Times</label>
82 <input type="text" name="viewing_times" id="viewing_times" class=
83 "propertyFields" autocomplete=off readonly/>
84 </div>
85 </fieldset>
86
87 <!-------SPECIFIC PROPERTY FIELDS!!!----->
88 <!--LAND-->
89 <fieldset id="landFieldset" hidden>
90 <legend>Land Details</legend>
91 <div class="field landDiv" >
92 <label for="acres">Acres</label>
93 <input type="text" name="acres" id="acres" class="landFields" autocomplete=off
94 readonly/>
95 </div>
96 <div class="field landDiv" >
97 <label for="buildings">Buildings</label>
98 <input type="text" name="buildings" id="buildings" class="landFields"
99 autocomplete=off readonly/>
100 </div>
101 <div class="field landDiv" >
102 <label for="residence_details">Residence Details</label>
103 <input type="text" name="residence_details" id="residence_details" class=
104 "landFields" autocomplete=off readonly/>
105 </div>
106 <div class="field landDiv" >
107 <label for="quotas">Quotas</label>
108 <input type="text" name="quotas" id="quotas" class="landFields" autocomplete=
109 off readonly/>
110 </div>
111 </fieldset>
112 <!--OFFICE-->
113 <fieldset id="officeFieldset" hidden>
114 <legend>Office Details</legend>
115
116 <div class="field officeDiv" >
117 <label for="floor">Floor</label>
118 <input type="text" name="floor" id="floor" class="officeFields" autocomplete=
```



```
119 off readonly/>
120 </div>
121 <div class="field officeDiv" >
122 <label for="oArea">Area</label>
123 <input type="text" name="oArea" id="oArea" class="officeFields" autocomplete=
124 off readonly/>
125 </div>
126 <div class="field officeDiv" >
127 <label for="layout">Layout</label>
128 <input type="text" name="layout" id="layout" class="officeFields" autocomplete=
129 off readonly/>
130 </div>
131 <div class="field officeDiv" >
132 <label for="internet">Security</label>
133 <input type="text" name="internet" id="internet" class="officeFields"
134 autocomplete=off readonly/>
135 </div>
136 <div class="field officeDiv" >
137 <label for="access">Access</label>
138 <input type="text" name="access" id="access" class="officeFields" autocomplete=
139 off readonly/>
140 </div>
141 <div class="field officeDiv" >
142 <label for="telephone_system">Telephone System</label>
143 <input type="text" name="telephone_system" id="telephone_system" class=
144 "officeFields" autocomplete=off readonly/>
145 </div>
146 <div class="field officeDiv" >
147 <label for="oReception">Reception</label>
148 <input type="text" name="oReception" id="oReception" class="officeFields"
149 autocomplete=off readonly/>
150 </div>
151 <div class="field officeDiv" >
152 <label for="security">Security</label>
153 <input type="text" name="security" id="security" class="officeFields"
154 autocomplete=off readonly/>
155 </div>
156 </fieldset>
157
158 <!--RESIDENTIAL-->
159 <fieldset id="residentialFieldset" hidden>
160 <legend>Residential Details</legend>
161
162 <div class="field residentialDiv" >
163 <label for="levels">Levels</label>
164 <input type="number" name="levels" id="levels" class="residentialFields"
165 autocomplete=off readonly/>
166 </div>
167 <div class="field residentialDiv" >
168 <label for="rReception">Reception</label>
169 <input type="text" name="rReception" id="rReception" class="residentialFields"
170 autocomplete=off readonly/>
171 </div>
172 <div class="field residentialDiv" >
173 <label for="bedrooms">Bedrooms</label>
174 <input type="text" name="bedrooms" id="bedrooms" class="residentialFields"
 autocomplete=off readonly/>
 </div>
```



```
175 <label for="bathrooms">Bathrooms</label>
176 <input type="text" name="bathrooms" id="bathrooms" class="residentialFields"
177 autocomplete=off readonly/>
178 </div>
179 <div class="field residentialDiv" >
180 <label for="rArea">Area</label>
181 <input type="text" name="rArea" id="rArea" class="residentialFields"
182 autocomplete=off readonly/>
183 </div>
184 <div class="field residentialDiv" >
185 <label for="heating">Heating</label>
186 <input type="text" name="heating" id="heating" class="residentialFields"
187 autocomplete=off readonly/>
188 </div>
189 <div class="field residentialDiv" >
190 <label for="rNotes">Notes</label>
191 <input type="text" name="rNotes" id="rNotes" class="residentialFields"
192 autocomplete=off readonly/>
193 </div>
194 </fieldset>
195 </div>
196
197 <!--normal fields-->
198

199
200 <!--amount-->
201 <div class="field myInput">
202 <label for="amount">Amount</label>
203 <input type="number" name="amount" id="amount" placeholder="100.00" autocomplete=
204 off required/>
205

206
207 <!--date-->
208 <div class="field myInput">
209 <label for="date">Date</label>
210 <input type="date" name="date" id="date" placeholder="01-01-1970" autocomplete=off
211 required/>
212

213 <!--buttons-->
214 <div class="buttons">
215 <input class="myButton" type="submit" value="submit"/>
216 <input class="myButton" type="reset" value="Clear"/>
217 </div>
218 </form>
219 </div>
220 </body>
221 </html>
```



## makeBid.js

```
1 // NAME: Adam Noonan
2 // NUMBER: C00299231
3 // FILE: makeBid.js
4
5 var highestBid;
6
7 // set page-specific values on page load
8 document.title = "EstateFlow - Make a Bid";
9 document.getElementById("makeLink").className = "button selected";
10
11 // function to validate form input
12 function validateForm()
13 {
14 // client selection validation
15 let clientBox = document.getElementById("clientBox");
16 let sel = clientBox.options[clientBox.selectedIndex];
17
18 // no client selected
19 if(sel.value == "")
20 {
21 alert("A client must be selected!");
22 return false;
23 }
24
25 // property selection validation
26 let propertyBox = document.getElementById("propertyBox");
27 sel = propertyBox.options[propertyBox.selectedIndex];
28
29 // no property selected
30 if(sel.value == "default")
31 {
32 alert("A property must be selected!");
33 return false;
34 }
35
36 // highest bid validation
37 let highBid = document.getElementById("highest_bid").value;
38 let currentBid = document.getElementById("amount").value;
39
40 // new bid too low
41 if(highBid >= currentBid)
42 {
43 alert("New bid must be higher than current highest bid!");
44 return false;
45 }
46
47 // validation: confirm check
48 return confirm("Are you sure you want to submit?");
49 }
50
51 // place relevant values in fields based on listbox selection
52 function populateClient()
53 {
54 // get listbox
55 var sel = document.getElementById("clientBox");
56
57 // get values from listbox
58 var result = sel.options[sel.selectedIndex].value;
59
60 if(result=="")
61 {
62 return;
63 }
64
65 // convert values to array by delimiter
66 var personDetails = result.split(';!');
67
68 // grab elements by class
69 var entries = document.querySelectorAll(".clientFields");
```



```
70 currentClient = personDetails[0];
71
72 // place values in fields with loop
73 for(var i = 0; i < entries.length; i++)
74 {
75 entries[i].value = personDetails[i];
76 }
77
78 // call subsequent property functions after client has been chosen
79 clearProperty();
80 filterProperty();
81 }
82
83
84 // filter properties based on client ID
85 function filterProperty()
86 {
87 // get listbox
88 var sel = document.getElementById("propertyBox");
89
90 // enable section
91 sel.disabled = false;
92
93 // get all relevant elements
94 var entries = document.querySelectorAll(".propertyOptions");
95
96 // loop over options, checking value
97 for(var i = 0; i < entries.length; i++)
98 {
99 var result = entries[i].value.split(';?')[0];
100
101 if(result != currentClient)
102 {
103 entries[i].hidden = false;
104 }
105 else
106 {
107 entries[i].hidden = true;
108 }
109 }
110 }
111
112 // function to auto-populate property values on selection
113 function populateProperty()
114 {
115 // get listbox
116 var sel = document.getElementById("propertyBox");
117
118 // get values from listbox
119 var result = sel.options[sel.selectedIndex].value;
120
121 if(result=="")
122 {
123 return;
124 }
125
126 // delimited string to array
127 var realResult = result.split(';?');
128
129 if(realResult.length == 1)
130 {
131 // default value
132 return;
133 }
134
135 // convert values to array by delimiter
136 var propertyDetails = realResult[1].split('!');

137
138 // grab elements by class
```



```
139 var entries = document.querySelectorAll(".propertyFields");
140
141 // place values in fields with loop
142 for(var i = 0; i < entries.length; i++)
143 {
144 entries[i].value = propertyDetails[i];
145 }
146
147 //-----SPECIFIC PROPERTY STUFF
148 var propertyType = document.getElementById("type").value;
149
150 // get each fieldset
151 var landField = document.getElementById("landFieldset");
152 var offcField = document.getElementById("officeFieldset");
153 var resiField = document.getElementById("residentialFieldset");
154
155 // hide all fieldsets
156 landField.hidden = true;
157 offcField.hidden = true;
158 resiField.hidden = true;
159
160 // unhide relevant fieldset
161 switch(propertyType)
162 {
163 case "Land":
164 landField.hidden = false;
165 break;
166 case "Office":
167 offcField.hidden = false;
168 break;
169 case "Residential":
170 resiField.hidden = false;
171 break;
172 }
173
174 populateSpecificProperty(propertyType, result)
175 }
176
177 // function to populate property values based on property type
178 function populateSpecificProperty(type, data)
179 {
180 if(type == "Land")
181 {
182 var propertyData = data.split(';?')[2].split('!;');
183
184 // grab elements by class
185 var entries = document.querySelectorAll(".landFields");
186
187 // place values in fields with loop
188 for(var i = 0; i < entries.length; i++)
189 {
190 entries[i].value = propertyData[i];
191 }
192 }
193 else if(type == "Office")
194 {
195 var propertyData = data.split(';?')[3].split('!;');
196
197 // grab elements by class
198 var entries = document.querySelectorAll(".officeFields");
199
200 // place values in fields with loop
201 for(var i = 0; i < entries.length; i++)
202 {
203 entries[i].value = propertyData[i];
204 }
205 }
206 else
207 {
```



```
208 var propertyData = data.split(';?')[4].split('!');
209
210 // grab elements by class
211 var entries = document.querySelectorAll(".residentialFields");
212
213 // place values in fields with loop
214 for(var i = 0; i < entries.length; i++)
215 {
216 entries[i].value = propertyData[i];
217 }
218 }
219
220 function clearProperty()
221 {
223 // reset listbox
224 document.getElementById("propertyBox").selectedIndex = 0;
225
226 // grab elements by class
227 var entries = document.querySelectorAll(".propertyFields");
228
229 // place values in fields with loop
230 for(var i = 0; i < entries.length; i++)
231 {
232 entries[i].value = "";
233 }
234
235 // hide specific property fields
236 var landField = document.getElementById("landFieldset");
237 var offcField = document.getElementById("officeFieldset");
238 var resiField = document.getElementById("residentialFieldset");
239
240 landField.hidden = true;
241 offcField.hidden = true;
242 resiField.hidden = true;
243 }
```



## makeBid.php

```
1 <?php
2
3 // NAME: Adam Noonan
4 // NUMBER: C00299231
5 // FILE: makeBid.php
6
7 // include database connection file
8 include '../db.inc.php';
9
10 // set timezone
11 date_default_timezone_set("UTC");
12
13 // set up sql statement
14 $sql = "INSERT INTO Bid (date, amount, client_id, property_id)
15 VALUES ('$_POST[date]', '$_POST[amount]', '$_POST[clientBox]', '$_POST[property_id]');";
16
17 // error check for bad sql
18 if(!mysqli_query($con,$sql))
19 {
20 die("An error in the SQL query: " . mysqli_error($con));
21 }
22
23
24 // print header
25 include "../bidHead.php";
26
27 // print result
28 echo "<!-- Main Content Area -->
29 <div class='content'>
30 <script src='makeBid.js'></script>
31
32
A record has been added for this bid.";
33
34 //-----EDIT HIGHEST BID OF PROPERTY
35 $sql2 = "UPDATE Property
36 SET highest_bid='$_POST[amount]'
37 WHERE property_id='$_POST[property_id]'";
38
39 // error check for bad sql
40 if(!mysqli_query($con,$sql2))
41 {
42 die("An error in the SQL query: " . mysqli_error($con));
43 }
44
45 // print successful result
46 echo "
Highest bid updated in property table.";
47
48 // end connection
49 mysqli_close($con);
50
51 ?>
52 <!--form w/ submit button-->
53 <form action = "makeBid.html.php" method = "POST" >
54

55 <input type="submit" value="Return to bid page"/>
56 </form>
57
58 </div>
59 </form>
60 </div>
61 </body>
62 </html>
```

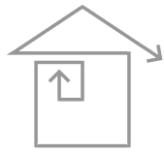


## makeBid-listbox.php

```
1 <?php
2
3 // NAME: Adam Noonan
4 // NUMBER: C00299231
5 // FILE: listbox file for makeBid
6
7 // connection file
8 include "../../db.inc.php";
9
10 //-----CLIENT BOX
11
12 // prepare statement
13 $sql = "SELECT *
14 FROM Client
15 WHERE delete_flag = 0
16 AND buyer = 1";
17
18 // error catch for bad connection
19 if(!$result = mysqli_query($con, $sql))
20 {
21 die("Error in querying the database" . mysqli_error($con));
22 }
23
24 // place listBox on page
25 echo "<div class='field listBox'>";
26 echo "<select name='clientBox' id='clientBox' onclick='populateClient()' required>";
27 echo "<option value='' selected disabled hidden>Select Client</option>
28 ";
29
30 // fetch array from query result
31 while ($row=mysqli_fetch_array($result))
32 {
33 // client stuff
34 $id = $row['client_id'];
35 $name = $row['name'];
36 $address = $row['address'];
37 $eircode = $row['eircode'];
38 $phone_no = $row['phone_no'];
39 $email = $row['email'];
40
41 // put client data together w/ unique delimiter
42 $total = "$id;$name;$address;$eircode;$phone_no;$email";
43
44 // place option tag
45 echo "<option value='$total'>$name</option>
46 ";
47 }
48 // close select tag
49 echo "</select>";
50 echo "</div>";
51 //-----PROPERTY BOX
52
53 // get id of selected clientBox item
54
55 // prepare statement
56 $sql2 = "SELECT
57 P.property_id, P.type, P.address, P.eircode, P.location, P.status, P.owner, P.highest_bid,
58 P.asking_price, P.viewing_times, P.date_listed,
59 L.land_id, L.acres, L.buildings, L.residence_details, L.quotas, L.notes AS landNotes,
60 O.office_id, O.floor, O.area AS officeArea, O.layout, O.internet, O.access,
61 O.telephone_system, O.reception AS officeReception, O.security, O.canteen, O.ownership,
62 R.residential_id, R.levels, R.reception, R.bedrooms, R.bathrooms, R.area, R.heating, R.notes,
63 R.amenities
64 FROM Property P
65 LEFT JOIN Land L ON P.property_id = L.property_id
66 LEFT JOIN Office O ON P.property_id = O.property_id
67 LEFT JOIN Residential R ON P.property_id = R.property_id
68 WHERE P.delete_flag = 0";
```



```
67 // error catch for bad connection
68 if(!$result2 = mysqli_query($con, $sql2))
69 {
70 die("Error in querying the database" . mysqli_error($con));
71 }
72
73 // place selectbox on page
74 echo "
<div class='field listBox'>";
75 echo "<select name='propertyBox' id='propertyBox' onclick='populateProperty()''required>";
76 echo "<option value='' selected disabled hidden>Select Property</option>
77 ";
78
79 // fetch array from query result
80 while ($row=mysqli_fetch_array($result2))
81 {
82 // property stuff
83 $id = $row['property_id'];
84 $address = $row['address'];
85 $eircode = $row['eircode'];
86 $location = $row['location'];
87 $highest_bid = $row['highest_bid'];
88 $asking_price = $row['asking_price'];
89 $viewing_times = $row['viewing_times'];
90 $type = $row['type'];
91
92 //-----SPECIFIC PROPERTY STUFF
93 // land stuff
94 $land_acres = $row['acres'];
95 $land_buildings = $row['buildings'];
96 $land_residence_details = $row['residence_details'];
97 $land_quotas = $row['quotas'];
98 $land_notes = $row['landNotes'];
99
100 // office stuff
101 $office_floor = $row['floorn'];
102 $office_area = $row['officeArea'];
103 $office_layout = $row['layout'];
104 $office_internet = $row['internet'];
105 $office_access = $row['access'];
106 $office_telephone_system = $row['telephone_system'];
107 $office_reception = $row['officeReception'];
108 $office_security = $row['security'];
109 $office_canteen = $row['canteen'];
110 $office_ownership = $row['ownership'];
111
112 // residential stuff
113
114 $owner = $row['owner'];
115
116 // delimited property data
117 $total = "$id;!$address;!$eircode;!$location;!$highest_bid;!$asking_price;!$viewing_times
118 ;!$type";
119
120 // delimited land data
121 $landStuff = "$land_acres;!$land_buildings;!$land_residence_details;!$land_quotas;!$land_notes";
122
123 // delimited office data
124 $officeStuff = "$office_floor;!$office_area;!$office_layout;!$office_internet;!$office_access;!$office_telephone_system;!$office_reception;!$office_security;!$office_canteen;!$office_ownership";
125
126 // delimited residential data
127 $residentialStuff = "";
128
129 // different delimiter to connect all data
130 echo "<option value='$owner;?$total;?$landStuff;?$officeStuff;?$residentialStuff'
131 class='propertyOptions'>$address, $eircode</option>
132 ";
133
134
135
136 // close connection
137 mysqli_close($con);
```



## style.css (used in addClient, deleteClient, amend/viewClient, and makeBid)

```
1 /*NAME: Adam Noonan */
2 /*NUMBER: C00299231 */
3 /*FILE: CSS file */
4
5 /* main encompassing form */
6 .mainForm{
7 width: 70%;
8 margin: auto;
9 border-width: 4px;
10 border-radius: 5px;
11 font-size: large;
12 }
13
14 /* uniform shadow for relevant elements */
15 form, h1, fieldset
16 {
17 box-shadow: 5px 5px 5px 5px rgba(75, 74, 74, 0.103);
18 }
19
20 /* fieldset dividers */
21 fieldset
22 {
23 flex-basis: 40%;
24 border-style: solid;
25 border-color: #05c98b;
26 color: #05c98b;
27 border-radius: 4px;
28 margin: 30px;
29 }
30
31 /* main populated fields */
32 .canPopulate, .clientFields, .propertyFields, .landFields, .residentialFields
33 {
34 border: 1px solid #dddddd;
35 border-radius: 6px;
36 }
37
38 /* main populated fields, set to readonly */
39 .canPopulate:read-only, .clientFields:read-only, .propertyFields:read-only, .landFields:
read-only, .residentialFields:read-only
40 {
41 font-size: small;
42 color: #67706e;
43 background-color: #eeeeee;
44 }
45
46 /* labels for field boxes */
47 div.field > label
48 {
49 display: block;
50 margin-top: 25px;
51 }
52
53 /* user input field boxes */
54 div.myInput > input{
55 font-size: large;
56 }
57
58 /* checkbox */
59 #buyer, #seller{
60 margin-left: 0px;
61 width: 14px;
62 }
63
64 /* all main field boxes */
65 div.field > input{
66 box-sizing: border-box;
67 padding: 10px;
68 width: 100%;
```



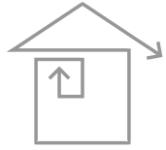
```
69 }
70
71 /* listbox */
72 select{
73 width: 100%;
74 padding: 10px;
75 font-size: large;
76 }
77
78 /* header */
79 h1{
80 text-align: center;
81 background-color:#05c98b;
82 border-radius: 5px;
83 color: white;
84 }
85
86 /* uniform padding for relevant elements */
87 form, h1, .inputbox, .button{
88 padding: 20px;
89 }
90
91 /* parent for submit/clear buttons */
92 .buttons
93 {
94 display: flex;
95 justify-content: center;
96 }
97
98 /* submit/clear buttons */
99 .myButton{
100 text-align: center;
101 padding: 15px;
102 width: 160px;
103 margin: 5px;
104 }
105
106 /* Alters appearance of all button elements */
107 input.myButton{
108 background-color:#05c98b;
109 /* Text color */
110 color: white;
111 font-size: large;
112 border-style: none;
113 border-radius: 5px;
114 }
115
116 /* Changes background colour to LIGHT GREY when hovered over button */
117 input.myButton:hover{
118 background-color:rgba(13, 53, 48, 0.637);
119 }
120
121 /* Makes all contents within the form flex items and adds a space between*/
122 .formContainer{
123 display: flex;
124 flex-wrap: wrap;
125 justify-content: space-evenly;
126 }
127
128 /* submit/clear buttons when disabled */
129 .myButton input:disabled{
130 background-color:rgba(13, 53, 48, 0.637);
131 }
132
133 /* parent for user input boxes */
134 .myInput{
135 width: 50%;
136 margin: auto;
137 }
138
139
140 /* parent for listbox */
141 .listBox
142 {
143 width: 50%;
144 margin: auto;
145 }
146
147
148
```



## clientHead.php (header for addClient, deleteClient & amend/viewClient)

```
1 <!--NAME: Adam Noonan-->
2 <!--NUMBER: C00299231-->
3 <!--FILE: Header for client pages-->
4
5 <!DOCTYPE html>
6 <html>
7 <head>
8 <title>EstateFlow - Client Maintenance</title>
9 <meta charset="UTF-8">
10 <link rel="stylesheet" href="/EstateFlow/menu.css">
11 <link rel="stylesheet" href="/EstateFlow/Adam/style.css">
12 <link rel="icon" type="image/x-icon" href="/EstateFlow/images/icon.png">
13 </head>
14 <body>
15 <!-- Fixed Top Bar displaying the page title -->
16 <div class="topBar">EstateFlow</div>
17
18 <!-- Sidebar Navigation Menu -->
19 <div class="sidebar" id="mySidebar">
20 <!-- Logo Section inside Sidebar -->
21 <div class="logo">
22
24 </div>
25 <!-- Navigation Links -->
26 <a id="addLink" class="button" href=
27 "/EstateFlow/Adam/addClient/addClient.html.php">Add a New Client
28 <a id="deleteLink" class="button" href=
29 "/EstateFlow/Adam/deleteClient/deleteClient.html.php">Delete a Client
30 <a id="amendLink" class="button" href=
31 "/EstateFlow/Adam/amendViewClient/amendViewClient.html.php">Amend/View a Client
32
33

34 Return to Menu
35
36 </div>
```



## bidHead.php (header for makeBid)

```
1 <!--NAME: Adam Noonan-->
2 <!--NUMBER: C00299231-->
3 <!--FILE: Header for bid pages-->
4
5 <!DOCTYPE html>
6 <html>
7 <head>
8 <title>EstateFlow - Deal with Bids</title>
9 <meta charset="UTF-8">
10 <link rel="stylesheet" href="/EstateFlow/menu.css">
11 <link rel="stylesheet" href="/EstateFlow/Adam/style.css">
12 <link rel="icon" type="image/x-icon" href="/EstateFlow/images/icon.png">
13 </head>
14 <body>
15 <!-- Fixed Top Bar displaying the page title -->
16 <div class="topBar">EstateFlow</div>
17
18 <!-- Sidebar Navigation Menu -->
19 <div class="sidebar" id="mySidebar">
20 <!-- Logo Section inside Sidebar -->
21 <div class="logo">
22
23 </div>
24 <!-- Navigation Links -->
25
26 Make a Bid
27 <a id="withdrawLink" class="button" href=
28 "/EstateFlow/construction/withdraw_bid.html">Withdraw a Bid
29

30 Return to Menu
31
32 </div>
```